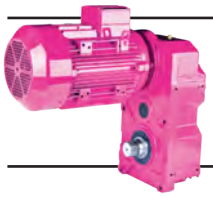

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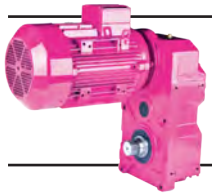

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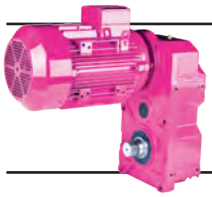


Genel Bilgiler
General Information
Einführung

Sembollerin Açıklaması

c_t .....: Anahtarın devreye girme zamanı katsayısı

D_T .....: Tambur çapı [mm]

f_s .....: Servis faktörü

f_q .....: Çıkış miline gelen radyal yöndeki yükler [N]

F_{qam} .....: Çıkış milinde müsade edilen radyal yöndeki yükler [N]

H .....: Kanca yüksekliği [m]

i .....: Çevrim oranı

k .....: Donam sayısı

K_m .....: Yükleme türü

L .....: Yük [ton]

M_2 .....: Çıkış momenti [Nm]

n .....: Vincin saatteki çalışma sayısı

n_1 .....: Giriş devri [d/dak]

n_2 .....: Çıkış devri [d/dak]

P_1 .....: Redüktör giriş gücü [kW]

P_e .....: Redüktör nominal giriş gücü (Bak. performans tabloları) [kW]

T .....: Vincin günlük çalışma saati [saat]

V_h .....: Kaldırma hızı [m/d]

z .....: Avare makara sayısı

η .....: Redüktör verimi

η_s .....: Toplam halat donam düzeni verimi

Key of Symbols

c_t .....: *Coefficient of switch on time*

D_T .....: *Drum diameter [mm]*

f_s .....: *Service factor*

f_q .....: *Overhung loads applied to the output shaft [N]*

F_{qam} .....: *Permissible overhung loads applied to output shafts [N]*

H .....: *Hook path [m]*

i .....: *Transmission ratio*

k .....: *Falls*

K_m .....: *State of loading*

L .....: *Load [tones]*

M_2 .....: *Output torque [Nm]*

n .....: *Number of cycles per hour*

n_1 .....: *Input speed of gearbox [rpm]*

n_2 .....: *Output speed of gearbox [rpm]*

P_1 .....: *Input power of gearbox [kW]*

P_e .....: *Nominal power (Given on performance tables) [kW]*

T .....: *Crane working time per day [hours]*

V_h .....: *Lifting speed [m/min]*

z .....: *Number of idle pulleys*

η .....: *Gearbox efficiency*

η_s .....: *Total rope reeving arrangament efficiency*

Erklärung von Bezeichnungen

c_t .....: Reduktionskoeffizient der Tätigkeitszeit

D_T .....: Trommeldruchmesser [mm]

f_s .....: Betriebsfaktor

f_q .....: Querkräfte auf Abtriebswelle [N]

F_{qam} .....: Zulässige Querkräfte auf Abtriebswelle [N]

H .....: Hakenweg [m]

i .....: Übersetzung

k .....: Einscherung

K_m .....: Lastkollektivfaktor

L .....: Last [tonnen]

M_2 .....: Ausgangsdrehmoment [Nm]

n .....: Anzahl von Starten pro Stunde

n_1 .....: Antriebsdrehzahl [U/min]

n_2 .....: Abtriebsdrehzahl [U/min]

P_1 .....: Antriebsleistung [kW]

P_e .....: Getriebe Nennleistung [kW]

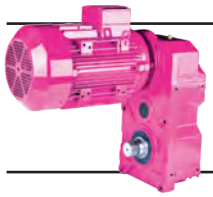
T .....: Betriebsstunden pro Tag [Stunde]

V_h .....: Hubgeschwindigkeit [m/min]

z .....: Anzahl von Losrollen

η .....: Wirkungsgrad des Getriebes

η_s .....: Wirkungsgrad von Anordung der Einscherung



Genel Bilgiler
General Information
Einführung

Ürün Yelpazesi

Elinizdeki katalog sadece **V serisi** ürünleri içermektedir.

- M ve N Serisi

Helisel alın dişliye sahip, giriş ve çıkış milleri aynı düzlem üzerinde ve birbirine paralel uzanan, üzerlerinde bulunan ayak veya flanş ile makinaya sabitlenen redüktörlerdir. Dolu mil çıkışlıdır.

- D Serisi

Helisel alın dişliye sahip, giriş ve çıkış milleri aynı düzlem üzerinde, birbirine paralel ve belirli bir aralıkta yerleştirilmiş, iki yan yüzde bulunan bağlantı civataları, flanş veya tork kolu ile makinaya sabitlenen redüktörlerdir. Delik milli veya mil çıkışlı olabilir.

- E Serisi

Sonsuz vida ve çark dişlili, belirli bir aralıkta ve birbirine dik konumlandırılmış giriş ve çıkış millerine sahip, çepeçevre konumlandırılmış ayak bağlantıları, flanş veya tork kolu ile makinaya sabitlenebilen redüktörlerdir. Delik milli veya mil çıkışlı olabilir.

- Y Serisi

Yatık tip redüktörler, ağır şartlarda çalışmak üzere dizayn edilmiş redüktör tipleridir. Bu tiplerde redüktör ile bunu tahrik eden mekanizma arasında değişik bağlantı şekilleri mevcuttur (Mekanik ve hidrolik kaplinler, çeşitli tip kayışlar ve zincirle tahrik gibi). Delik milli veya mil çıkışlı olabilir.

- K Serisi

Helisel alın dişli ve konik dişlilerden oluşan, birbirine dik ve belirli bir aralıkta konumlandırılmış giriş ve çıkış miline sahip, çepeçevre sunulan ayaklar, flanş veya tork kolu ile makinaya sabitlenen redüktörlerdir. E serisinden farklı olarak yüksek verime sahiptirler. Delik milli veya mil çıkışlı olabilir.

- H ve B Serisi

Helisel ve/veya konik dişliye sahip ağır hizmet tipi redüktörlerdir. Giriş ve çıkış milleri birbirine paralel veya dik olabilir. Her yönden bağlantı için ayak bağlantıları bulunur. Opsiyonel olarak flanş ile de bağlanabilir. Delik milli veya mil çıkışlı olabilir.

- T Serisi

T Serisi redüktörler helisel dişli iki kademe motorsuz delik milli redüktörlerdir. T Serisi redüktörler delik milli olması ve kompakt gövde yapısı sayesinde daha küçük hacimli alanlara montajı yapılabilmektedir.

- P ve R Serisi

P ve R Serisi redüktörler planet dişli redüktörlerdir. Endüstriyel ve mobil uygulamalarda kullanılırlar. Diğer redüktör tiplerine göre daha küçük hacimde daha büyük tork iletebilirler.

- V Serisi

V vinç redüktörleri M1 - M8 (1Dm - 5m) vinç sınıflarına uygun olarak, çift veya sabit devirli frenli motorlarla üretilebilmektedir.

Production Range

*This catalogue is containing **V serie** of gearboxes only.*

- M and N Series

M and N series of YILMAZ REDÜKTÖR are helical geared. The input and output shafts are parallel to each other and on the same plane. The gearbox can be connected to the machine by using the foot or flange on the gearbox. Has solid output shaft.

- D Series

D series are helical geared gearboxes with parallel input and output shafts. The shafts have a distance in between and located on the same plane. The gearbox can be assembled to the machine by using, the connection screws on the sides, flange or torque arm on the gearbox. Can have hollow or solid output shaft.

- E Series

E series gearboxes are with worm and wormwheel. The input and output shafts are perpendicular to each other and have a distance in between. It can be assembled to the driven machine by the use of the foot, flange or torque arm on the gearbox. Can have hollow or solid output shaft.

- Y Series

Horizontal type gearboxes are designed to operate in heavy conditions. In these types there are a lot of combination forms between gearbox and driver (for example, mechanic and hydraulic couplings, various belt and chain drives etc.). Can have hollow or solid output shaft.

- K Series

These are gearboxes with helical and bevel gears. The input and output shafts are perpendicular to each other and have a distance in between. It can be assembled to the driven machine using the foot, flange or torque arm on the gearbox. They have high efficiency compared to E series. Can have hollow or solid output shaft.

- H and B Series

These gearboxes are helical or/and bevel geared industrial gearboxes . The input and output shafts can be arranged parallel or perpendicular to each other. The gearbox can be assembled by the use of the foot connections on each side. Flange connections are optional. Can have hollow or solid output shaft.

- T Series

T Series are gear units which are helical geared, two staged, hollow shaft mounted gear units and manufactured according to monoblock principal. T Series gearboxes have hollow shaft and compact housing so that T series can be mounted on smaller places.

- P and R Series

P and R Series gearboxes are planetary gearboxes. They are mostly used by industrial and mobile applications. Planetary gearboxes can transfer high torques in small volumes compared to other gearboxes.

- V Serie

V hoist drives are produced according to M1 - M8 (1Dm - 5m) crane classes.

Produktpalette

Dieses Katalog umfasst nur die **V Serie** Getriebe.

- M und N Serie

Diese Modelle sind Stirnradgetriebe mit parallelen Antriebs- und Abtriebswelle auf einer Ebene. Die Getriebe werden mit Fuß- oder Flanschverbindung an die angetriebene Maschine angekoppelt. Hat Vollwelle am Ausgang.

- D Serie

Diese Getriebe sind Stirnradgetriebe mit paralleler Antriebs- und Abtriebswelle, die auf einer Ebene liegen und einen Abstand zueinander haben. Diese Getriebe wird seitlich mit Gewindelöchern am Maschine oder mit einer Flansch verbindet. Kann Voll- und Hohlwelle am Ausgang haben.

-E Serie

Diese Getriebe bestehen aus Schnecke und Schneckenrad. Die Antriebs-und Abtriebswellen sind senkrecht zueinander und haben einen bestimmten Abstand. Das Getriebe wird mit Fußbefestigung,Flanschverbindung oder mit Drehmomentstütze an die angetriebene Maschine montiert. Kann Voll- und Hohlwelle am Ausgang haben.

- Y Serie

Diese Getrieben sind für Einsatz unter schweren Bedingungen ausgelegt. Bei dieser Ausführung gibt es sehr viele verschiedene Verbindungsmöglichkeiten zwischen Antrieb und Getriebe (Zum Beispiel; mechanische und hydraulische Kupplungen, Riementrieb, Kettentrieb usw.). Kann Voll- und Hohlwelle am Ausgang haben.

- K Serie

Diese Getrieben bestehen aus Stirnräder und Kegelräder. Die Antrieb und Abtriebswellen sind senkrecht und haben einen Abstand zueinander. Das Getriebe wird mit Fußbefestigung, Flanschverbindung oder Drehmomentstütze an die angetriebene Maschine montiert. Der Wirkungsgrad ist wesentlich höher als E Serie. Kann Voll- und Hohlwelle am Ausgang haben.

- H und B Serie

Diese Getriebe sind geeignet für industrielle Anwendungen und haben parallelen oder senkrechten Antrieb und Abtriebswelle auf einer Ebene. Das Getriebe kann mit Fußen, die auf jede Seite der Getriebe vorhanden sind, oder optional mit Flansch an die angetriebene Maschine montiert werden. Kann Voll-und Hohlwelle am Ausgang haben.

- T Serie

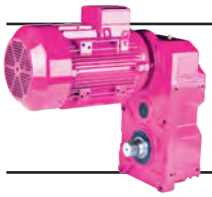
T Serien Getriebe sind zwei stufige, schrägverzahnte Hohlwellenflachgetriebe in Monoblockgehäuse. Die T Serie hat eine kompakte Gehäuse und ist serienmäßig mit Abgangshohlwelle hergestellt, so dass das Getriebe minimalen Platzbedarf hat.

- P und R Serie

P und R Serie sind Planetengetriebe, die vielseitig im Industrie und bei mobiler Anwendungen einsetzbar sind, mit Planetenzahnräder. Planetengetriebe können im Vergleich zu anderen Getrieben größere Drehmomente bei kleineren Bauvolumen übertragen.

- **V Serie**

V Krane und Hebezeuge werden geeignet zur Kranklasse M1 - M8 (1Dm - 5m) hergestellt.



Genel Bilgiler
General Information
Einführung

M ...

13 farklı büyüklükte;
Moment aralığı: 50 - 18.000 Nm
Devir aralığı: 0,1 - 500 d/dak
13 different sizes:
Torque range: 50 - 18.000 Nm
Speed range: 0,1 - 500 rpm
13 verschiedene Baugrößen:
Drehmomentbereich:50 - 18.000 Nm
Drehzahlbereich : 0,1 - 500 U/min

N ...

13 farklı büyüklükte;
Moment aralığı: 50 - 18.000 Nm
Devir aralığı: 0,1 - 500 d/dak
13 different sizes:
Torque range: 50 - 18.000 Nm
Speed range: 0,1 - 500 rpm
13 verschiedene Baugrößen:
Drehmomentbereich:50 - 18.000 Nm
Drehzahlbereich : 0,1 - 500 U/min

E ...

8 farklı büyüklükte;
Moment aralığı: 5 - 1.000 Nm
Devir aralığı: 0,1 - 400 d/dak
8 different sizes:
Torque range: 5 - 1.000 Nm
Speed range: 0,1 - 400 rpm
8 verschiedene Baugrößen:
Drehmomentbereich: 5-1.000 Nm
Drehzahlbereich : 0,1-400 U/min

K ...

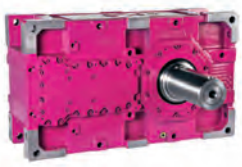
11 farklı büyüklükte;
Moment aralığı: 200 - 15.000 Nm
Devir aralığı: 0,1 - 400 d/dak
11 different sizes:
Torque range: 200 - 15.000 Nm
Speed range: 0,1 - 400 rpm
11 verschiedene Baugrößen:
Drehmomentbereich:200 - 15.000 Nm
Drehzahlbereich : 0,1 - 400 U/min

D...

10 farklı büyüklükte;
Moment aralığı: 130 - 18.000 Nm
Devir aralığı: 0,1 - 350 d/dak
10 different sizes:
Torque range: 130 - 18.000 Nm
Speed range: 0,1 - 350 rpm
10 verschiedene Baugrößen:
Drehmomentbereich: 130 - 18.000 Nm
Drehzahlbereich : 0,1 - 350 U/min

Y ...

25 farklı büyüklükte;
Moment aralığı: 1200 - 43000 Nm
Devir aralığı: 2,6 - 990 d/dak
25 different sizes:
Torque range: 1200 - 43000Nm
Speed range: 2,6 - 990 rpm
25 verschiedene Baugrößen:
Drehmomentber. :1200-43000 Nm
Drehzahlbereich : 2,6-990 U/min



H ...

14 farklı büyüklükte;
Moment aralığı: 2.500 - 165.000 Nm
Devir aralığı: 0,1 - 250 d/dak
14 different sizes:
Torque range: 2.500 - 165.000 Nm
Speed range: 0,1 - 250 rpm
14 verschiedene Baugrößen:
Drehmomentber. :2.500 - 165.000 Nm
Drehzahlbereich : 0,1 - 250 U/min

B ...

14 farklı büyüklükte;
Moment aralığı: 5.000 - 165.000 Nm
Devir aralığı: 0,1 - 115 d/dak
14 different sizes:
Torque range: 5.000 - 165.000 Nm
Speed range: 0,1 - 115 rpm
14 verschiedene Baugrößen:
Drehmomentber. :5.000-165.000 Nm
Drehzahlbereich : 0,1-115 U/min

P ...

10 farklı büyüklükte;
Moment aralığı: 1.000 - 50.000 Nm
Tahvil oranları: 3,5 - 3000 arası
10 different sizes:
Torque range: 1.000 - 50.000 Nm
Transmission ratio: 3,5 - 3000
10 verschiedene Baugrößen:
Drehmomentber. : 1.000 - 50.000 Nm
Übersetzung: 3,5 - 3000

R ...

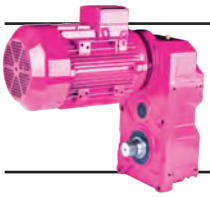
10 farklı büyüklükte;
Moment aralığı: 1.000 - 50.000 Nm
Tahvil oranları: 3,5 - 3000 arası
10 different sizes:
Torque range: 1.000 - 50.000 Nm
Transmission ratio: 3,5 - 3000
10 verschiedene Baugrößen:
Drehmomentber. : 1.000 - 50.000 Nm
Übersetzung: 3,5 - 3000

T ...

10 farklı büyüklükte;
Moment aralığı: 200 - 18.000 Nm
Devir aralığı: 46 - 280 d/dak
10 different sizes:
Torque range: 200-18.000 Nm
Speed range: 46-280 rpm
10 verschiedene Baugrößen:
Drehmomentber. :200-18.000 Nm
Drehzahlbereich : 46-280 U/min

VR ...

VR vinç redüktörleri
M1 - M8 ,(1Dm - 5m) yük sınıfı
ISO 4301 / 1 ,(FEM 1.001 / III)
VR Hoist Drive Units
M1 - M8 ,(1Dm - 5m) load classification
ISO 4301 / 1 ,(FEM 1.001 / III)
VR Kran und Hebezeug Getriebe
M1 - M8 ,(1Dm - 5m) Belastungsart
ISO 4301 / 1 ,(FEM 1.001 / III)



Genel Bilgiler
General Information
Einführung

V Serisi Redüktörlerin Genel Özellikleri

YILMAZ REDÜKTÖR V serisi redüktörleri monoblok gövde prensibine göre üretilen, helisel dişli, üç kademeli vinç tamburu tahrik redüktörleridir.

Monoblok gövde yapısı sayesinde gövde eksenleri tek operasyonda işlenerek yüksek imalat hassasiyeti sağlanmaktadır. V serisi redüktörlerde civata bağlantısı direkt gövde üzerindeki kulaklardan yapılmaktadır. Uzun saplama veya civata gerektirmez. Bu sayede yapılan bağlantı daha rijittir. Giriş ve çıkış eksenleri olabildiğince açık tutulmuştur. Yüksek halat ömrü için büyük çaplardaki tamburların kullanılabilmesi amaçlanmıştır.

V serisi redüktörlerde çıkış mili yataklama boyu uzun, gövde eni geniştir. Yüksek yataklama boyu ve konik masuralı rulmanların kullanılması ile redüktörün radyal yük taşıma kabiliyeti artırılmıştır. Redüktör içerisinde kullanılan geniş dişliler sayesinde daha küçük hacimde daha yüksek ISO / FEM sınıfları karşılanabilmektedir. GG20 - GG22 pik malzemeden dökülen gövde ve yüksek kalitede taşlanmış ve sertleştirilmiş sementasyon çeliği dişliler kalite kontrol sistemi altında sürekli kontrol altında tutularak imal edilebilmektedir. Çıkış milleri DIN 5480'e göre farklı ölçülerde çoklu kamalı olarak üretilmektedir.

Müşteri isteğine göre çift veya tek devirli, frenli motorlarla kullanılabilmektedir. Beş adet gövde büyüklüğüne sahip V serisi redüktörler 0,5 - 50 aralığında tonajlar için kullanabilmektedir.

YILMAZ REDÜKTÖR olarak tasarım prensibimiz;

-Yüksek teknoloji kullanmak
-Güvenilirlik,
-Yüksek güç yoğunluğu,
-Yüksek verim,
-Montaj uyumluluğu,
-Esnek çözümler

Dikkat Edilecek Hususlar !
- Bu katalogda verilen resimler görsel amaçlıdır ve şekilsel detaylar bağlayıcı değildir.
- YILMAZ REDÜKTÖR, ürünler ve kataloglar üzerinde, müşterileri bilgilendirmeksizin her türlü değişikliği yapma hakkına sahiptir.
- Ürünler teslim alındıktan sonra ürünle birlikte verilen kullanım kılavuzu okunmadan sistem devreye alınmamalıdır.
- Katalogda verilen yağ miktarları referans amaçlıdır. Gerçek yağ seviyesi için redüktör üzerinde bulunan yağ seviye tapası kullanılmalıdır. Yağ vizkozitesi için, redüktör etiketine bakınız.
- Bu katalogda verilen redüktör ağırlıkları ortalama ağırlık değerleridir. Tahvil oranına ve üzerinde bağlı olan aksesuara göre ağırlıklar farklılık gösterebilir.

General Specifications of V Series Gearboxes

YILMAZ REDÜKTÖR V series gear units are three stage, helical geared hoist drum drive units produced according to monoblock principal.

With the help of monoblock housing all axises are machined on a single operation to achieve high precision on the production. V series bolt connections are made directly on the housing with the help of easy connection holes which doesn't require long bolts. That ensures rigid mounting. Input and output centre distance is extended as possible for using larger drums to achieve longer rope service lifes.

V series gear unit's output shaft bearing distance is long and housing width is extended. With the help of longer bearing distance and taper rolling bearings they have the capability of withstanding high radial loads. V series are designed for higher ISO / FEM classes with longer gear face widths compared to similar size of products. Housing material is GG20 - GG22 cast iron and gears are made of high quality case carburized steel. Material properties as well as manufacturing processes are controlled constantly. Their output shafts are solid output shafts with spline according to DIN5480 and are produced with different dimensions.

V series gear units are designed for double and single speed brake motors. They have five different sizes between 0,5 - 50 tones load range.

As we are YILMAZ REDÜKTÖR, our design principals are;
-Using high technology
-Reliability
-High power density
-High efficiency
-Mounting compatible
-Flexible solutions

Attention to the following points !
- Drawings are examples only and the details on the drawings or illustrations are not strictly binding.
- YILMAZ REDÜKTÖR reserve the right to make all kinds of changes in products and cataloques without any notice.
- Prior to commissioning, the operating instructions provided with the gearbox must be observed.
- Oil quantities given are guide values only. The exact quantity of oil should be checked by using the provided oil level plugs according mounting positions. For correct oil viscosity refer to the nameplate.
- A different operation then the indicated mounting position on the name plate cancels the warranty. The weights given in this catalogue are mean values. Depending on the ratio and accessories the weights can differ.

Allgemeine Eigenschaften von V Serie Getrieben

YILMAZ REDÜKTÖR V Serie Getriebe sind Antriebseinheiten von Hubwerkstrommel und sind 3-stufig. Sie bestehen aus Stirnradzahnräder und Gehäuse, das auf einmal gegossen wird.

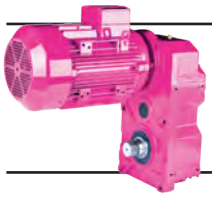
Mit Hilfe von Blockgehäuse werden alle Achsen mit einer Aufspannung bearbeitet. Dieses Vorgehen erlaubt höchste Genauigkeit bei Achsentoleranzen. Schraubenverbindungen von V Serie werden direkt auf dem Gehäuse mit einfachen Anschlusslöchern gemacht. Dies ermöglicht Verwendung von kürzeren Schrauben und dadurch starre Befestigung. Achsenabstand zwischen Ein- und Ausgang ist möglichst lang entworfen. Damit kann größere Trommel mit hoher Seillebensdauer verwendet werden.

V Serie Getriebemotoren haben am Ausgang lange Lagerabstand und Weite von Gehäusen sind erweitert. Mit Hilfe von langer Lagerabstand und Kegelrollenlager können diese Getriebe hohe Querkräfte tragen. V Serie sind entworfen für hohe ISO/FEM Klassen mit langem Zahnradbreiten verglichen mit Getriebe ähnlichen Baugrößen. Gehäuse ist aus GG20 - GG22 Gusseisen und Zahnräder werden aus einsatzgehärteten Stahl mit hoher Qualität hergestellt. Ausgangswellen sind Keilwellen nach DIN 5480 und werden in verschiedenen Dimensionen zur Verfügung gestellt.

V Serie Getriebemotoren sind entworfen für 1- und 2-Gang-Elektromotren. Diese Getriebe haben 5 verschiedene Baugrößen zwischen 0.5 und 50 Tonnen Lastbereich.

Als YILMAZ REDÜKTÖR unsere Entwurfsprinzipien sind;
- Verwenden von hohen Fertigungstechniken
- Hohe Betriebssicherheit
- Leistungsdichte
- Hoher Wirkungsgrad
- Universale Montagemöglichkeit
- Sonderlösungen

Bitte folgende Punkte beachten !
- Die Abbildungen sind beispielhaft und nicht verbindlich.
- Alle Änderungen auf dem Katalog und an der Produkte bleiben vorbehalten und können ohne Kenntnisnahme erfolgen.
- Vor Inbetriebnahme ist die mit gelieferter Betriebsanleitung zu beachten.
-Angaben über Ölmengen sind unverbindlich. Maßgebend ist die Ölstandsschraube in der geeigneten Montageposition. Ölviskosität und Sorte muss den Angaben des Typenschieldes entsprechen.
- Wenn die Getriebe anders als auf dem Namenschild benannte Bauform eingesetzt werden, verliert die Garantie ihre Gültigkeit. Die angegebenen Gewichte sind unverbindliche Mittelwerte ohne Zubehör; genauere Gewichte sind abhängig von Zubehör und Übersetzung.



Genel Bilgiler
General Information
Einführung

Teknik Tanımlamalar

- Vinç Sınıfları
Bir vincin sınıfı; toplam aktif çalışma süresi ve yükleme durumuna bağlıdır. ISO 4301 / 1 standardına göre M1...M8, FEM 9.511 / 86 standardına göre 1Dm...5m aralığında vinç sınıfları vardır.

- Yükleme Türü (Yük Dağılım Faktörü)
Bir vincin yükleme sınıfı sayfa 14'te anlatılan formüllerle belirlenir. Hafif, Orta, Ağır ve Çok Ağır olmak üzere dört çeşit yükleme sınıfı vardır.

- Kaldırma Kapasitesi
Bir vincin kaldırabileceği maksimum ağırlığı ifade eder.

- Kanca Yüksekliği
Vincin kancasının en yüksek pozisyonu ile en alt pozisyonu arasındaki mesafedir.

- Halat Donam Düzeni
Halat donam düzeni $N/n_h - h$ şeklinde 3 sayı ile ifade edilir. Burada ;
N: Toplam halat donam sayısını
n_h: Tamburdan çıkan halat sayısını
h: Kanca sayısını ifade eder.
Kanca sayısı genellikle 1 olduğunda yazılmaz. Örneğin 4/1 ; toplam donam sayısının 4, halat sayısının 1 olduğunu ifade eder.

- Toplam Halat Donam Sayısı
Yükün hızı ile, halatın tambura dolandığı noktadaki teğetsel hızı arasındaki orandır.

- Tambur Çapı
Halat tambur çapı aşağıdaki formül ile hesaplanır.

$D_T = h_1 x d$

D_T = Tambur çapı

d = Halat çapı

h_1 = Katsayı (Aşağıdaki tablodan bakınız.)

Technical Explanations

- Crane Classification
The factors to be taken into consideration for the determining the group to which crane belongs to are; total working hours of expected service life and the state of loading. There are crane classes between M1...M8 according to ISO 4301 / 1 standard and between 1Dm...5m classes according to FEM 9.511 / 86 standard.

- State of Loading (Load Spectrum Factor)
You can calculate state of loading of a crane with the formulas written at page 14. There are four different states of loading which are Light, Moderate, Heavy and Very Heavy.

- Load Capacity
Maximum load that a crane can handle.

- Hook Path
Maximum height that a crane can raise or lower the load.

- Rope Reeving Arrangement
Rope reeving arrangement is expressed as $N/n_h - h$ *with 3 numbers. As ;*
N: *Total falls*
n_h: *Rope number*
h: *Hook number*
Hook number is not written, when it's 1. For example 4/1 means; total falls is 4 and rope number is 1.

- Falls
It is the ratio between the lifting speed and the tangential velocity of the rope at the point where it is wrapping to drum.

- Drum Diameter
Rope drum diameter can be calculated with the below written formulae.

$D_T = h_1 x d$

D_T = *Drum diameter*

d = *Rope diameter*

h_1 = *Coefficient (Look from the table below.)*

Technische Erläuterungen

- Kranklassen
Klasse von einem Kran ist abhängig von gesamten Betriebsstunden bei vorgesehenem Lebensdauer und Belastungsart. Es gibt Kranklassen M1 bis M8 nach ISO 4301-1 und 1Dm bis 5m nach FEM 9.511/86.

- Belastungsart (Lastkollektiv)
Man kann Lastkollektivfaktor mit Hilfe von Gleichungen auf der Seite 14 berechnen. Es gibt vier Zustände von Belastung, nämlich Leicht, Mittel, Schwer und Sehr Schwer.

- Belastungskapazität
Maximale Belastung, die von dem Kran getragen werden kann.

- Hakenweg
Hakenweg ist der Abstand zwischen der höchsten und untersten Position von dem Haken.

- Ordnung von der Seileinscherung
Ordnung von Seileinscherung wird ausgedrückt als $N/n_h - h$ mit 3 Zahlen.
N: Gesamteinscherung
n_h: Seilnummer
h: Hakennummer
Haken Nummer wird nicht geschrieben, wenn es 1 beträgt. Zum Beispiel 4/1 bedeutet Gesamteinscherung ist 4 und Seilnummer 1 ist.

- Einscherung
Es ist das Verhältnis zwischen der Hubgeschwindigkeit und der Geschwindigkeit des Seils an dem Punkt, wo Seil tangential zu der Trommel abgewickelt wird.

- Trommeldurchmesser
Trommeldurchmesser kann mit dem unten gegenenen Formeln berechnet werden.

$D_T = h_1 x d$

D_T = Trommeldurchmesser

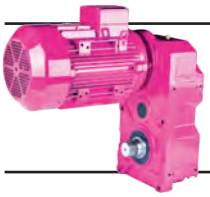
d = Seildurchmesser

h_1 = Koeffizient (Sehen Sie folgende Tabelle)

FEM Grubu *FEM Group* ***FEM Gruppe***	**Dönmeyen Halat** *Nonfexible Rope* ***Nicht drehendes Seil***	**Dönebilen Halat** *Standard Rope* ***Drehendes Seil***
1Em	10	11.2
1Dm	11.2	12.5
1Cm	12.5	14
1Bm	14	16
1Am	16	18
2m	18	20
3m	20	22.4
4m	22.4	25
5m	25	28

Crane Classes which are given on performance tables only for gearboxes. Crane producers must make their calculations for other equipments.

Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nur für Getriebe. Die Kranhersteller müssen andere Krankomponenten selber kontrollieren.



Genel Bilgiler
General Information
Einführung

- Çıkış Momenti (M_2) [Nm]
Motorun verdiği momentin tahvil oranı ve verimle ile çarpılarak elde edilen değerdir. Redüktörün çıkışından alınabilecek momenti gösterir.

- Nominal Güç (P_e) [kW]
Nominal güç, redüktörün belirtilen ISO / FEM sınıfına göre mekanik olarak taşıyabildiği güçtür. Redüktörlerin nominal güçleri, performans tablolarında verilmiştir.

- Çevrim oranı (i)
Redüktörün giriş devrinin çıkış devrine oranıdır.

- Müsade Edilen Radyal Yükler Fqam [N]
Redüktörün çıkış milinde mil ortasından müsade edilen radyal yüklerdir.

Teknik Özellikler

- Ses seviyesi
Redüktörlerimizin ses seviyesi VDI 2159' da verilen redüktörler için müsade edilen ses seviyelerinin altındadır.

- Boya ve Korozyon Koruması
Redüktörlerin standart rengi DIN1843'e göre RAL 7031 dir. İstek üzerine farklı renklerde boyanabilir. Nemli ve korozif bölgeler için istek üzerine farklı boya uygulanabilir.

- Yağlama

V Serisi redüktörler yağlama tablolarında verilen yağlar ile doldurulmaktadır.Yağ detayları için yağlama bölümüne bakınız.

- Aksesuarlar

V Serisi redüktörlerde aşağıdaki aksesuarlar kullanılabilir.
- Tambur bağlantı flanşı
- Özel keçe çözümleri
- Şeffaf yağ seviye göstergesi
- Farklı özelliklerde elektromanyetik frenler
- Termistör
- Manuel kollu fren

Diğer özel aksesuarlar için lütfen,
YILMAZ REDÜKTÖR ile temasa geçiniz.

- Output Torque (M_2) [Nm]
Multiplication of motor output torque with transmission ratio and efficiency gives the result of output torque at the output shaft of the gear unit.

- Nominal Power (P_e) [kW]
The nominal power is the power which gearbox can mechanically resist under the required ISO / FEM classification. The nominal powers are given on the performance tables.

- Ratio (i)
Ratio between output shaft speed and input shaft speed.

- Permissible Overhung Loads Fqam [N]
Permissible overhung loads at the midpoint of the output shaft of gearboxes.

Technical Specifications

- Noise Level
The noise level of our gearboxes is below the permitted values defined in VDI guidelines 2159 for gear units.

- Coating and Corrosion Protection
The gearboxes are painted with RAL 7031 according DIN1843. Different colors are avaliable upon request. Paintings for high humidity or chemically aggressive environments are available upon request .

- Lubrication

V series of gearboxes are filled with oils which is indicated on lubrication tables. For lubrication details please refer to the lubrication section.

- Accessories

The following accessories can be applied to V series gearboxes.
- *Drum connection flange*
- *Special sealing solutions*
- *Oil level indicator*
- *Electromagnetic brakes with different specifications*
- *Thermistor*
- *Manual brake*

For other accessories please contact, YILMAZ REDÜKTÖR.

- Ausgangsmoment (M_2) [Nm]
Multiplikation von Ausgangsmoment des Motors mit Übersetzung und Division das Ergebnis mit Wirkungsgrad ergibt den Betrag von Ausgangsmoment der Getriebe.

- Nennleistung (P_e) [kW]
Die Nennleistung ist die Leistung, die von Getriebe mechanisch unter der angeforderten ISO / FEM-Gruppierung tragen werden kann. Die Nennleistungen basieren sich auf Leistungstabellen.

- Übersetzung (i)
Wird aus dem Verhältnis von Ausgang- zu Eingangswinkelgeschwindigkeit bestimmt.

- Zulässige Querkräfte Fqam [N]
Zulässigen Querkräfte,die am Mittelpunkt der Abtriebswelle von Getrieben einwirken.

Technische Informationen

- Geräuschpegel
Geräuschstärken aller Getriebe bleiben unter die zulässigen Werte, die für die Getriebe in der VDI-Richtlinie 2159 festgelegt sind.

- Lackierung und Korrosionsschutz
Die Getriebe werden mit der Farbe RAL 7031 nach DIN1843 lackiert. Auf Wunsch sind Sonderlackierungen möglich. Alle Getriebe können auf Wunsch auch in korrosionsgeschützter Ausführung für aggressive Umgebungen geliefert werden.

- Schmierung

V Serien Getriebe werden mit Ölen entsprechend der Schmierungstabellen, falls nicht anders vereinbart, geliefert. Für weitere Schmierungsangaben siehe Kapitel Schmierung.

- Zubehör

Folgendes Zubehör kann mit V Serien Getriebe geliefert werden.
- Trommelflansch
- Spezielle Dichtungslösungen
- Ölstandsanzeige
- Elektromagnetische Bremsen mit unterschiedlichen Eigenschaften
- Thermistorschutz
- Bremse mit Bremshebel

Für weiteres Zubehör kontaktieren Sie bitte mit,
YILMAZ REDÜKTÖR.

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Tip Tanımlaması / *Unit Designation* **/** Typenbezeichnungen

V R 5 7 3 . 1K - 3 E132S / 4C - L10

Fren / *Brake* / Bremse

L-230V **Fanlı** / *With Fan* / Mit Lüfter
P-24V **Fanlı** / *With Fan* / Mit Lüfter
S-230 V **Fansız** / *Without Fan* / Ohne Lüfter
Z-24 V **Fansız** / *Without Fan* / Ohne Lüfter

00- 5 Nm	**10-** 100 Nm
01- 10 Nm	**20-** 200 Nm
02- 25 Nm	**30-** 300 Nm
04- 40 Nm	**40-** 400 Nm
05- 50 Nm	**50-** 500 Nm

Kutup sayısı / *Number of poles* / Anzahl der Polen

Motor Büyüklüğü / *Motor Size /* Motorbaugröße

E132S / 4

Kutup Sayısı / *Pole Number* / Anzahl der Polen
Gövde uzunluğu / *Frame Lenght* / Gehäuselänge des Motors
Motor büyüklüğü / *Motor size* / Motorbaugröße
Motor tipi / *Motor type* / Motortyp

Motor Verim Sınıfı / *Motor Efficiency Class /* Motor-Effizienzklasse

Çoklu Kamalı Mil Çıkışlı (DIN5480)
Output Shaft with Spline (DIN5480)
Keilwelle nach (DIN5480)
1K Standart / *Standard /* Standard
1L Opsiyonel / *Optional /* Auswählbar
1M Opsiyonel / *Optional /* Auswählbar (**Sadece VR673 için /** *Only for VR673 /* Nur für VR673)

Kademe Sayısı / *Stage /* Anzahl der Stufen

3 Kademe / *3 Stages* / 3-stufig

Revizyon Numarası / *Revision Number /* Änderungsnummer

Gövde Büyüklük / *Housing Size /* Größe der Gehäuse

2...8

Giriş Tipi / *Input Type /* Eingangstyp

R :**Motorlu** / *With Motor* / Mit Motor

Redüktör Tipi / *Gearbox Type /* Getriebe

V Serisi / *V Serie* / V Serie

Motor Büyüklüğüne Göre Geometrik Mümkün Çevrim Oranları
Geometrically Possible Combinations of Ratios According to Motor Size
Geometrisch mögliche Kombinationen von Übersetzungen nach Motorbaugröße

Tip Type Typ	Motor Büyüklüğü / *Motor Size* / Motorbaugröße													
	63	**71**	**80**	**90**	**100**	**112**	**132**	**160**	**180**	**200**	**225**	**250**	**280**	**315**
VR273	25,44 - 137,94	25,44 - 137,94	25,44 - 137,94	25,44 - 137,94	25,44 - 120,49	25,44 - 83,46	25,44 - 60,39	-	-	-	-	-	-	-
VR373	32,11 - 121,67	32,11 - 121,67	32,11 - 121,67	32,11 - 121,67	23,58 - 121,67	23,58 - 106,69	23,58 - 79,34	-	-	-	-	-	-	-
VR473	-	95,87 - 138,35	95,87 - 138,35	95,87 - 138,35	34,28 - 138,35	28,45 - 138,35	28,45 - 121,49	28,45 - 81,00 101,48	-	-	-	-	-	-
VR573	-	-	51,97 107,18 - 163,77	51,97 107,18 - 163,77	28,30 - 163,77	28,30 - 163,77	28,30 - 163,77	28,30 - 143,35	28,30 - 42,62 58,36 - 87,90	-	-	-	-	-
VR673	-	-	-	-	119,86 - 213,15	119,86 - 213,15	58,54 - 213,15	58,54 - 213,15	58,54 - 134,51	58,54 - 102,10	-	-	-	-
VR773	-	-	-	-	148,95 - 233,77	148,95 - 233,77	76,29 - 233,77	49,45 - 233,77	49,45 - 166,50	49,45 - 128,81	49,45 - 85,99	-	-	-
VR873	-	-	-	-	152,83 - 170,32	152,83 - 170,32	81,40 - 170,32	53,03 - 170,32	53,03 - 170,32	46,82 - 134,22	46,82 - 91,16	46,82 - 91,16	46,82 - 69,01	46,82 - 69,01

Vinç Tamburu Bağlantı Flanşı

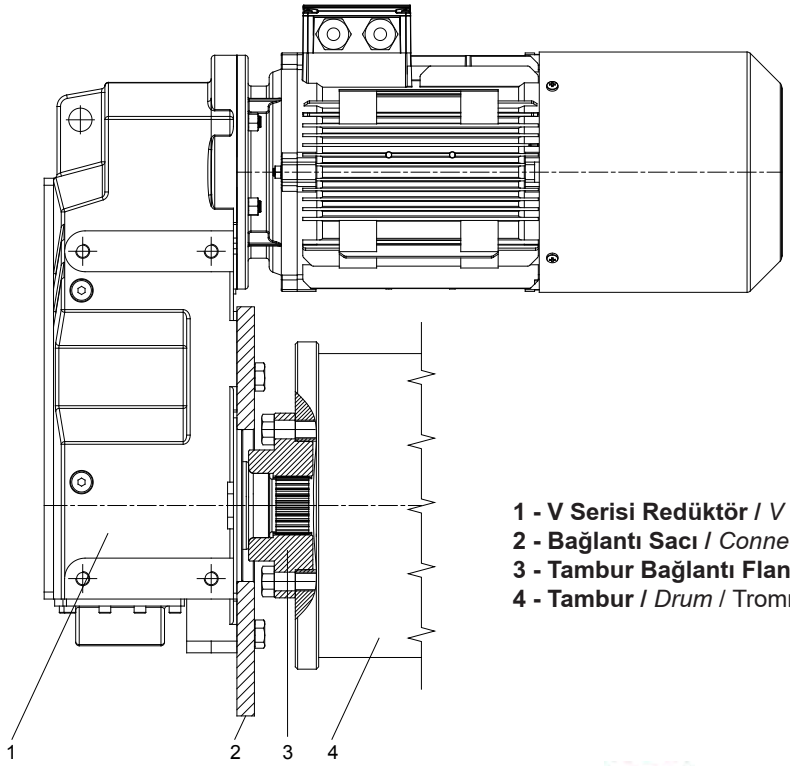
V serisi redüktörlerin çıkış milleri standart olarak DIN 5480 standardına göre çoklu kamalı olarak üretilmektedir. Aşağıdaki örnek montaj resminde görüldüğü gibi redüktör mili ile tambur arasındaki bağlantı tambur bağlantı flanşı ile sağlanabilir. Yılmaz Redüktör her redüktör büyüklüğü için çıkış mil çoklu kama standardına uyumlu tambur bağlantı flanşını opsiyonel olarak sunmaktadır. Ölçü sayfalarında tambur bağlantı flanşı ölçülerini bulabilirsiniz.

Drum Connection Flange

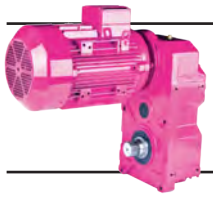
V series gearboxes output shafts are with spline according to DIN 5480 standard. As you can see on the below drawing the connection between gearbox output shaft and drum can be established by drum connection flange. You can order this optional connection flange suitable to our output shaft with spline according to DIN 5480. You can find the dimensions of these flanges at dimension pages.

Trommelflansch

V Serie Getriebemotoren haben am Ausgang Keilwelle nach DIN 5480. Verbindung von Getriebeausgangswelle mit Trommel durch Trommelflansch wurde auf dem unteren Abbildung dargestellt. Diese auswählbare Verbindungsflansch geeignet zur Keilwelle nach DIN 5480 kann von uns bestellt werden. Die Abmessungen von diesem Flansch kann von der Abmessungsseiten abgelesen werden.



1 - V Serisi Redüktör / *V Series Gearbox* / V Serie Getriebe
2 - Bağlantı Sacı / *Connection Plate* / Verbindungsplatte
3 - Tambur Bağlantı Flanşı / *Drum Connection Flange* / Trommelflansch
4 - Tambur / *Drum* / Trommel



Genel Bilgiler
General Information
Einführung

Vinçler için redüktör seçimi; endüstriyel redüktörlerde kullanılan servis faktörü veya ISO 4301 / 1 ve FEM 9.511 / 86 standartlarında anlatılan vinç sınıflandırmaları kullanılarak yapılabilir. Vinç sektörüne özel olarak geliştirilen V serisi redüktörlerimizin seçimlerinin ISO (FEM) vinç sınıflarının kullanılarak yapılması tavsiye edilir (sayfa 13). Sayfa 15'te vinç sınıflarına karşılık gelen servis faktörleri gösterilmiştir.

Servis Faktörü

Servis faktörü (fs) redüktörün çalıştığı şartlar ile uyumlu olması için gerekli olan katsayısıdır. ''fs =1'' Düzgün ve sakin yüklerde, günlük sekiz saat ve saatte yüz start çalışmayı karşılar.

Aşağıdaki etkenlere bağlıdır:

- Günlük çalışma süresi
- Yük sınıfı
- Bir saatteki start sayısı
- Redüktör tahrik tipi
- Diğer gözlemler

Bu etkenleri göz önüne aldığımızda, gerekli servis faktörünü belirlemek için:
1. Makinanın günlük çalışma süresi tespit edilir.
2. Makinanın ne türde yükler verdiği tespit edilir.

U - Düzgün ve sabit yükler
M - Orta darbeli yükler
H - Ağır darbeli yükler

3. Saatteki start sayısı tespit edilir.
4.İlk üç maddeye bağlı servis faktörü aşağıdaki tablodan seçilir.

Gearboxes for crane industry can be selected either using industrial service factor or ISO 4301 / 1 (FEM 9.511 / 86) standards crane classification system. Using ISO (FEM) classifications explained on page 13 is recommended for choosing V series gearboxes, which are specifically designed for crane industry. Service factor value for a specific crane class can be seen at comparison table at page 15.

Service Factor

Service Factor (fs) is a coefficient, which takes into account the different running conditions of the driven machine.'' fs=1'' is used for uniform loads 8 hours working per day and up to 100 starts per hour.

Service factor depends on:

- *Running time*
- *Nature of load*
- *Frequency of starting*
- *Driver type*
- *Other considerations*

For the right selection of the needed service factor for your machine;
1. Determine the running time of driven machine.
2. Select the nature of load of driven machine

U - Uniform loads
M - Moderate loads
H - Heavy shock loads

3. Determine frequency of starting
4. After determining the above mentioned factors, the service factor can be easily selected from the table given bellow.

Getriebe für Kran und Hebezeuge kann entweder mit Betriebsfaktor oder mit Kranklasse nach ISO 4301-1 (FEM 9.511/86) ausgelegt werden. Verwendung von ISO-Gruppierung (FEM), erklärt auf der Seite 13, wird empfohlen bei der Auswahl von V Serie Getrieben. Betriebsfaktor für eine bestimmte Kranklasse kann von der Vergleichstabelle auf der Seite 15 abgelesen werden.

Betriebsfaktor

Der Betriebsfaktor (fs) ist ein faktor für die Getriebe, damit sie unter den Betriebsbedingungen sicher arbeiten. ''fs =1'' steht für gleichförmige Belastung, 8 Studen pro Tag und bis zu 100 Schaltungen pro Stunde.

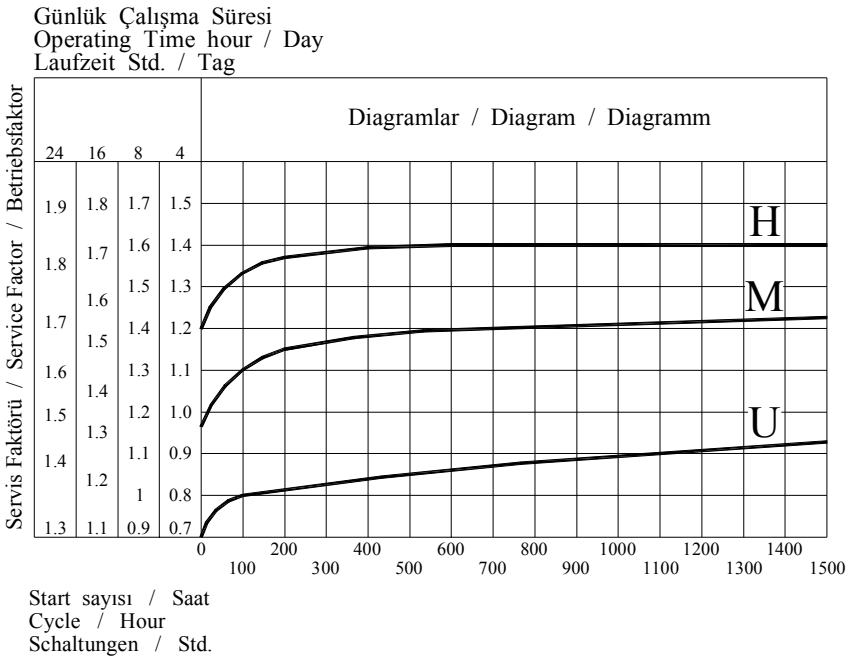
Betriebsfaktor ist abhängig von:

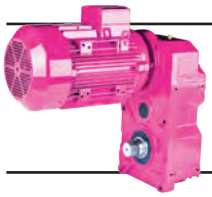
- Betriebsdauer
- Belastungsart
- Schalthäufigkeit
- Antriebsart
- Andere Faktoren

Um die richtigen Betriebsfaktor festzulegen;
1. Betriebsdauer der angetriebenen Maschine bestimmen.
2. Belastungsart der angetriebenen Maschine auswählen.

U - Gleichförmige Belastung
M - Ungleichförmige Belastung
H - Stark Ungleichförmige Belastung

3. Schalhäufigkeit bestimmen.
4. Nach Bestimmen der oben angegebenen Werte, können die Betriebsfaktoren von der unten stehenden Tabelle entnommen werden.





Vinç Uygulamalarında Sınıflandırma ISO 4301 / 1 (FEM 9.511 / 86)

Bir vincin kullanım sınıfı belirlenirken ilk önce; yüklü olarak günlük ortalama aktif çalışma süresi belirlenmelidir. Vincin kanca yüksekliği, saatteki çalışma sayısı, işletmenin günlük çalışma saati (mesai) ve kaldırma hızı biliniyorsa aşağıdaki formül yardımıyla günlük ortalama aktif çalışma süresi saat cinsinden hesaplanabilir.

$$t = \frac{2 \times H \times n \times T}{60 \times V_h}$$

H: Kanca yüksekliği [m]

n: Saatteki çalışma sayısı

T: Günlük çalışma saati

V_h: Kaldırma hızı [m/d]

Hesaplanan günlük ortalama aktif çalışma süresi, yılda kaç gün kullanılacağı ve beklenilen ömrü yıl olarak belirlendikten sonra, bir vincin sadece hareket halindeyken kullanım halinde olduğu düşünülerek, bu üç değerin çarpılmasıyla toplam beklenilen kullanım zamanı saat cinsinden belirlenir. Toplam kullanım zamanına göre 10 sınıf vardır. Vincin kullanım sınıfı aşağıdaki tablodan okunur.

Crane Classifications ISO 4301 / 1 (FEM 9.511 / 86)

While determining class of utilization of a crane, we have to calculate average daily utilization time in hours. We can calculate average daily utilization time with the help of below written formula if we know crane's hook path, number of cycles per hour, working time per day and lifting speed.

$$t = \frac{2 \times H \times n \times T}{60 \times V_h}$$

H: *Hook path [m]*

n: *Number of cycles per hour*

T: *Working hours per day*

V_h: *Lifting speed [m/min]*

After we calculate average daily utilization time, we can determine maximum total duration of use in hours by multiplying average daily utilization time, the number of working days per year and the number of years of expected service. There are 10 utilization classes according to total duration of use, which we can read from below table.

Kranklassen ISO 4301-1 (FEM 9.511/86)

Bei der Bestimmung der Laufzeitklasse von Kran soll durchschnittliche Laufzeit pro Tag in Stunden festgestellt werden. Man kann die durchschnittliche Laufzeit pro Tag mit Hilfe von unten angegebener Gleichung berechnen. Dabei braucht man Hakenweg, Anzahl von Startzyklen pro Stunde, Betriebsstunde pro Tag und Hubgeschwindigkeit zu wissen.

$$t = \frac{2 \times H \times n \times T}{60 \times V_h}$$

H: Hakenweg [m]

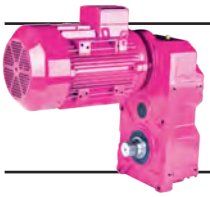
n: Anzahl von Startzyklen pro Stunde

T: Betriebsstunde pro Tag

V_h: Hubgeschwindigkeit [m/min]

Nachdem man durchschnittliche Laufzeit pro Tag berechnet hat, kann maximale Gesamtlaufzeit in Stunde festgestellt werden, indem man durchschnittliche Laufzeit, Anzahl von Betriebstagen pro Jahr und Jahren von erwartetem Lebensdauer multipliziert. Es gibt 10 Laufzeitklassen entsprechend zu Gesamtlaufzeit, die von der unteren Tabelle abgelesen werden kann.

Kullanım Sınıfı *Class of Utilization* Laufzeitklasse	**Toplam Kullanım Zamanı [saat]** *Total Duration of Use [hour]* Gesamtlaufzeit [Stunde]
T_0	200
T_1	400
T_2	800
T_3	1600
T_4	3200
T_5	6300
T_6	12500
T_7	25000
T_8	50000
T_9	100000



İkinci olarak vincin yük sınıfının ne olduğunun belirlenmesi gerekir. Aşağıdaki eşdeğer yük formülü yardımıyla K_m yük faktörü belirlenir.

$$K_m = \sum_{i=1....n} \left[\frac{t_i}{t_T} \left(\frac{P_i}{P_{\max}} \right)^3 \right]$$

t_i: Her bir yükteki çalışma süresi

t_T: Toplam kullanım süresi

P_i: Her bir yükün miktarı

$P_{\max}$: Maksimum yükün miktarı

n: Toplam yük değişim sayısı

$$K_m = \frac{t_1}{t_T}\left(\frac{P_1}{P_{\max}}\right)^3 + \frac{t_2}{t_T}\left(\frac{P_2}{P_{\max}}\right)^3 + .. + \frac{t_n}{t_T}\left(\frac{P_n}{P_{\max}}\right)^3$$

Hesaplanan K_m değeri ile aşağıdaki tabloda verilmiş olan K_m değerleri karşılaştırılarak vincin yükleme türüne karar verilir.

Secondly we have to determine the state of loading of the crane. We can calculate load spectrum factor K_m with below written formula.

$$K_m = \sum_{i=1....n} \left[\frac{t_i}{t_T} \left(\frac{P_i}{P_{\max}} \right)^3 \right]$$

t_i: *Average duration of use at the individual load levels.*

t_T: *Total of all the individual durations at all load levels*

P_i: *Individual loading magnitudes*

$P_{\max}$: *Greatest loading magnitude*

n: *Total number of individual load levels*

$$K_m = \frac{t_1}{t_T}\left(\frac{P_1}{P_{\max}}\right)^3 + \frac{t_2}{t_T}\left(\frac{P_2}{P_{\max}}\right)^3 + .. + \frac{t_n}{t_T}\left(\frac{P_n}{P_{\max}}\right)^3$$

The nominal load spectrum factor for the crane is then established by matching the calculated load spectrum factor to the closest (higher) nominal value of K_m given at below table

Zweitens soll Lastkollekiv von Kran bestimmt werden. Wir können Lastkollektiffaktor K_m mit unterer Gleichung berechnen.

$$K_m = \sum_{i=1....n} \left[\frac{t_i}{t_T} \left(\frac{P_i}{P_{\max}} \right)^3 \right]$$

t_i: Durchschnittliche Laufzeit bei verschiedene Belastungsstufen

t_T: Alle Laufzeiten zusammen bei allen Belastungsstufen

P_i: Amplituden von jeweiliger Belastung

$P_{\max}$: Größte Amplitude der Belastung

n: Anzahl von verschiedene Belastungsstufen

$$K_m = \frac{t_1}{t_T}\left(\frac{P_1}{P_{\max}}\right)^3 + \frac{t_2}{t_T}\left(\frac{P_2}{P_{\max}}\right)^3 + .. + \frac{t_n}{t_T}\left(\frac{P_n}{P_{\max}}\right)^3$$

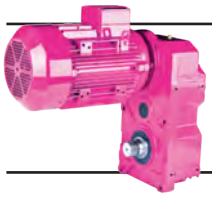
Der Lastkollektivfaktor K_m wird mittels Vergleich zwischen berechneter und angegebene Werte nach unterer Tabelle beschlossen.

Yükleme Türü *State of Loading* Belastungsstufen	K_m	
L1 - HAFİF *L1 - LIGHT* L1 - LEICHT	**0,125**	**Genellikle hafif ağırlıkları, sadece özel durumlarda (nadiren) maksimum yükleri kaldıran vinçler.** *Cranes subjected very rarely to the maximum load and, normally, to light loads.* Kräne,die ausnahmsweise der Höchstbeanspruchung und laufend weit geringeren Beanspruchungen unterzogen werden.
L2 - ORTA *L2 - MODERATE* L2 - MITTEL	**0,25**	**Genellikle orta derecedeki yükleri, ancak oldukça sık da maksimum yükleri kaldıran vinçler.** *Cranes subjected fairly frequently to the maximum load but, normally, to rather moderate loads.* Kräne,die ungefähr während gleicher Zeitfristen schwachen, mittleren und Höchsten Beanspruchungen unterzogen werden.
L3 - AĞIR *L3 - HEAVY* *L3 - SCHWER*	**0,50**	**Genellikle ağır yükleri, ancak sık sık da maksimum yükleri kaldıran vinçler.** *Cranes subjected frequently to the maximum load and, normally, to loads of heavy magnitude.* Kräne,die hauptsächlich Beanspruchungen in der Nähe der Höchstbeanspruchung unterzogen werden.
L4 - ÇOK AĞIR *L4 - VERY HEAVY* L4 - SEHR SCHWER	**1,00**	**Genellikle maksimum yükleri kaldıran vinçler.** *Cranes subjected regularly to the maximum load.* Kräne,die regelmäßig mit Höchstbeanspruchung unterzogen werden.

Vincin kullanım sınıfı ve yükleme türü belirlendikten sonra yan sayfadaki tablodan vincin ISO (FEM) sınıfı belirlenir. Kullanılacak redüktörün sınıfının, burada belirlediğimiz vinç sınıfının üzerinde veya aynı sınıfta olması gerekir. Kataloğumuzun güç ve devir sayfalarından, belirli tonaj ve donam sayısında, V serisi redüktörlerimizin hangi ISO (FEM) sınıflarını sağladıkları görülebilir. **Burada verilen vinç sınıfları redüktör dışındaki vinç ekipmanlarını kapsamaz.**

Having determined the class of utilization and the state of loading, the ISO (FEM) classification of a crane can be determined from the table at next page. Suitable gearboxes class has to be same or higher then the class of the crane. You can see the ISO (FEM) classes at specific tones and falls of our V series gearboxes at performance tables. ***Crane classes which are given on the performance tables do not cover other crane equipments except gearboxes.***

Nach der Bestimmung der Laufzeitklasse und Lastkollektiv kann der ISO (FEM) -Gruppierung eines Krans aus der Tabelle auf der nächsten Seite bestimmt werden. Geeignetes Getriebe muss gleiche oder höhere Kranklasse haben. Sie können die ISO (FEM) -Klassen bei bestimmter Belastung und Einscherung des V-Serie Getriebes auf die Leistungstabellen finden. **Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.**



Yük Sınıfı *State of Loading* Belastungsstufen	K_m	**Vinç Sınıfları (ISO 4301 / 1 (FEM 9.511 / 86))** *Crane Classes (ISO 4301 / 1 (FEM 9.511 / 86))* Kranklassen (ISO 4301 / 1 (FEM 9.511 / 86))									
		T_0	T_1	T_2	T_3	T_4	T_5	T_6	T_7	T_8	T_9
L1 - HAFİF *L1 - LIGHT* L1 - LEICHT	**0,125**			M1 (1Dm)	M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)
L2 - ORTA *L2 - MODERATE* L2 - MITTEL	**0,25**		M1 (1Dm)	M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)	
L3 - AĞIR *L3 - HEAVY* L3 - SCHWER	**0,50**	M1 (1Dm)	M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)		
L4 - ÇOK AĞIR *L4 - VERY HEAVY* L4 - SEHR SCHWER	**1,00**	M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)			

Vinç Sınıfları - Endüstriyel Servis Faktörü Tablosu

V serisi redüktörlerimizin “fs=1” şartı için taşıdığı güçler performans tablolarında verilmiştir. Aşağıdaki vinç sınıfları - servis faktörü karşılaştırma tablosu ile gerekli servis faktörü belirlenir. Daha sonra V serisi performans tablolarından bağlanabilecek emniyetli motor gücü belirlenir.

Crane Classes - Industrial Service Factor Table

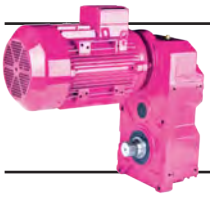
You can find nominal powers of our V series gearboxes for “fs=1” condition at performance tables. With the help of the following comparison table and V series performance tables you can determine required service factor for a specific crane class and maximum input motor power.

Kranklassen - Tabelle von industriellen Betriebsfaktor

Sie können Nennleistungen unserer V-Serie Getriebe für “fs=1” auf der Leistungstabellen finden. Mit Hilfe der folgenden Vergleichstabelle und V-Serie Leistungstabellen kann erforderlicher Betriebsfaktor für eine bestimmte Kranklasse und maximale Motoreingangsleistung bestimmt werden.

Yük Sınıfı *State of Loading* Belastungsstufen	K_m	**Servis Faktörleri** *Service Factors* Betriebsfaktoren									
		T_0	T_1	T_2	T_3	T_4	T_5	T_6	T_7	T_8	T_9
L1 - HAFİF *L1 - LIGHT* L1 - LEICHT	**0,125**			0,8	0,8	0,8	0,8	0,8	0,9	1,1	1,4
L2 - ORTA *L2 - MODERATE* L2 - MITTEL	**0,25**		0,8	0,8	0,8	0,8	0,8	0,9	1,1	1,4	
L3 - AĞIR *L3 - HEAVY* L3 - SCHWER	**0,50**	0,8	0,8	0,8	0,8	0,8	0,9	1,1	1,4		
L4 - ÇOK AĞIR *L4 - VERY HEAVY* L4 - SEHR SCHWER	**1,00**	0,8	0,8	0,8	0,8	0,9	1,1	1,4			

ISO (FEM)	**M1 (1Dm)**	**M2 (1Cm)**	**M3 (1Bm)**	**M4 (1Am)**	**M5 (2m)**	**M6 (3m)**	**M7 (4m)**	**M8 (5m)**
fs	0,8	0,8	0,8	0,8	0,8	0,9	1,1	1,4



Vinç Sınıfları - Endüstriyel Servis Faktörü Tablosu ve Performans Tabloları Kullanılarak Redüktör Seçimi

Kataloğumuzun güç ve devir sayfalarında verilmeyen bir tonajda veya tambur çapında kullanılacak bir vinç için redüktör seçimi yapılacaksa ilk önce redüktörün çıkışındaki gerekli tork ve devir ihtiyacı aşağıdaki formüller kullanılarak belirlenmelidir.

Tork :

$$M_2 = \frac{L \times 9,81 \times (D_T/2000)}{k \times \eta_S}$$

M_2: Redüktör çıkışında gerekli tork [Nm]

L: Yük [kg]

D_T: Tambur çapı [mm]

k: Donam sayısı

η_S: Halat donam düzeni verimi

Halat donam düzeni verimi : Toplam halat donam düzeni veriminin belirlenmesinde aşağıdaki formül kullanılır.

$$\eta_S = \eta_F \times \eta_A^z \times \eta_T$$

η_S: Toplam halat donam düzeni verimi

η_F: Avare makaralar haricinde donama dahil olan makaraların toplam verimi

η_A: Tek avare makara verimi

η_T: Ana tambur verimi

z: Avare makara sayısı

η_R avare harici bir makaranın verimidir. Vinçlerde genel olarak avare makara kullanılmaz; bu durumda z sıfır alınır. η_T ana tambur verimi ve makara verimi için herhangi bir veri yok ise yaklaşık olarak 0,98 alınabilir.
η_F avare makaralar haricinde donama dahil olan makaraların toplam verimi aşağıdaki formülden hesaplanır.

$$\eta_F = \frac{1}{k} \times \frac{1 - \eta_R^k}{1 - \eta_R}$$

η_R: 0,98

k: Donam sayısı

Yukarıdaki formüller kullanılarak belirli donam sayıları için yaklaşık olarak hesaplanan toplam halat donam düzeni verimleri yan sayfadaki tablodan okunabilir.

How to Use Performance Tables and Crane Classes - Industrial Service Factor Table for Selection of Gearbox

If you want to choose a gearbox for a crane that's tonnage and drum diameter is not at our performance tables, first you have to calculate required output torque and output speed of gearbox by using below written formulas.

Torque:

$$M_2 = \frac{L \times 9,81 \times (D_T/2000)}{k \times \eta_S}$$

M_2: *Required output torque [Nm]*

L: *Load [kg]*

D_T: *Drum diameter [mm]*

k: *Falls*

η_S: *Rope reeving arrangement efficiency*

Rope reeving arrangement efficiency : *Total efficiency is calculated by using below formula.*

$$\eta_S = \eta_F \times \eta_A^z \times \eta_T$$

η_S: *Total rope reeving arrangement efficiency*

η_F: *Total efficiency of the pulleys except idle pulleys*

η_A: *One idle pulleys efficiency*

η_T: *Main drum efficiency*

z: *Number of idle pulleys*

η_R *is one pulley's efficiency except idle pulleys. At cranes usually there is no idle pulleys, so* z *can be considered as zero. If there is no information about* η_T *main drum efficiency and pulley efficiency both can be considered as 0,98.* η_F *total pulley efficiency except idle pulleys can be calculated by using below formula.*

$$\eta_F = \frac{1}{k} \times \frac{1 - \eta_R^k}{1 - \eta_R}$$

η_R: *0,98*

k: *Falls*

Efficiency values; calculated approximately for some number of falls by using above written formulas can be read from the table at next page.

Verwendung von Leistungstabellen und Kranklasse-Betriebsfaktor-Vergleichstabelle für Getriebeauswahl

Wenn Sie ein Getriebe für einen Kran, dessen Tonnage und Trommeldurchmesser nicht auf unserem Katalog steht, wählen wollen, müssen Sie zunächst erforderliche Drehmoment und Abtriebsdrehzahl des Getriebes mit unten geschrieben Formeln berechnen.

Drehmoment:

$$M_2 = \frac{L \times 9,81 \times (D_T/2000)}{k \times \eta_S}$$

M_2: Erforderliches Abtriebsmoment [Nm]

L: Last [kg]

D_T: Trommeldurchmesser [mm]

k: Einscherung

η_S: Wirkungsgrad von Anordnung der Einscherung

Wirkungsgrad von Anordnung der Einscherung: Gesamtwirkungsgrad wird berechnet durch folgende Gleichung.

$$\eta_S = \eta_F \times \eta_A^z \times \eta_T$$

η_S: Wirkungsgrad von Anordnung der Einscherung

η_F: Gesamteffizienz von Rollen außer Losrollen

η_A: Effizienz von einer Losrolle

η_T: Effizienz von Haupttrommel

z: Anzahl von Losrollen

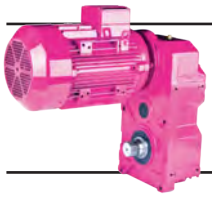
η_R ist die Effizienz einer Rolle außer Losrollen. Bei Kräne gibt es gewöhnlich keine Losrollen, deswegen z kann als null angenommen werden. Wenn es keine Information übet η_T gibt, kann Trommelwirkungsgrad und Rollenwirkungsgrad als 0.98 angenommen werden. η_F Gesamtrollenwirkungsgrad außer Losrollen kann mit folgender Gleichung bestimmt werden.

$$\eta_F = \frac{1}{k} \times \frac{1 - \eta_R^k}{1 - \eta_R}$$

η_R: 0,98

k: Einscherung

Von der Tabelle auf der nächsten Seite kann für bestimmte Einscherungen ungefährer Gesatwirkungsgrad von Anordnung der Einscherung abgelesen werden.



Donam Sayısı [k]	Toplam Halat Donam Düzeni Verimi [η_s]
1	0,98
2	0,97
4	0,95
6	0,93
8	0,91

Devir : İstenen kaldırma hızının belirli bir tambur çapında sağlanabilmesi için redüktörün gerekli çıkış devri aşağıdaki formülle hesaplanır.

$$n_2 = \frac{V_h \times k}{\pi \times (D_T / 1000)}$$

n_2: Redüktör çıkış devri [d/d]

V_h: Kaldırma hızı [m/d]

D_T: Tambur çapı [mm]

k: Donam sayısı

Giriş gücü : Gerekli çıkış torku ve çıkış devri belirlendikten sonra aşağıdaki formül kullanılarak redüktörün giriş gücü belirlenir.

$$P_1 = \frac{M_2 \times n_2}{9550 \times \eta}$$

P_1: Redüktör giriş gücü [kW]

M_2: Redüktör çıkış torku [Nm]

n_2: Redüktör çıkış devri [d/d]

η: Redüktör verimi, yaklaşık olarak 0,94 alınabilir.

Redüktör seçimi : Redüktörün giriş gücü belirlendikten sonra V serisi performans tablolarından uygun redüktör büyüklüğü seçilmelidir. Seçilecek redüktörün çıkış devri hesapla-nan çıkış devrine yakın olmalı, seçilen çıkış devrinde ve istenen vinç sınıfında redüktörün nominal giriş gücü, hesaplanan giriş gücünden büyük veya eşit olmalıdır. V serisi performans tablolarında “fs=1” şartı için redüktörlerin taşı-dığı güçlerde verilmiştir. İstenilen vinç sınıfı için sayfa 15 te bulunan Vinç sınıfları - Endüstriyel servis faktörü karşılaştırma tablosu kullanılarak gerekli servis faktörü belirlenip, redüktör tipi

Falls [k]	*Total Rope Reeving Arrangament Efficiency* [η_s]
1	0,98
2	0,97
4	0,95
6	0,93
8	0,91

Speed : *Required output speed of gearbox for necessary lifting speed with a specific drum diameter can be calculated by using below written formula.*

$$n_2 = \frac{V_h \times k}{\pi \times (D_T / 1000)}$$

n_2: *Output speed [rpm]*

V_h: *Lifting speed [m/min]*

D_T: *Drum diameter [mm]*

k: *Falls*

Input power : *After determining required output torque and output speed we can calculate gearbox input power by using below formula.*

$$P_1 = \frac{M_2 \times n_2}{9550 \times \eta}$$

P_1: *Input power [kW]*

M_2: *Output torque [Nm]*

n_2: *Output speed [rpm]*

η: *Gearbox efficiency, approximately 0,94*

Selection of gearbox : *After calculating required input power, we can select suitable gearbox from V series performance tables. Selected gearboxes output speed have to be close to the calculated output speed and at selected output speed the nominal power of the gearbox at required crane class have to be equal or bigger then the required input power. You can find nominal powers of V series gearboxes for “fs=1” condition at performance tables. For required crane class you have to find required service factor from crane classes - service factor comparison table at page 15 and select suitable gearbox.*

Einscherung [k]	Gesamtwirkungsgrad von der Anordnung der Einscherung [η_s]
1	0,98
2	0,97
4	0,95
6	0,93
8	0,91

Geschwindigkeit : Erforderliche Abtriebsdrehzahl des Getriebes für notwendige Hubgeschwindigkeit mit vorgegebenem Trommeldruchmesser kann mit Hilfe von unterer Gleichung berechnet werden.

$$n_2 = \frac{V_h \times k}{\pi \times (D_T / 1000)}$$

n_2: Abtriebsdrehzahl [U/min]

V_h: Hubgeschwindigkeit [m/min]

D_T: Trommeldurchmesser [mm]

k: Einscherung

Antriebsleistung : Nach der Bestimmung von erforderliche Abtriebsdrehmoment und Abtriebsdrehzahl man kann Antriebsleistung des Getriebes mit dem unteren Formel berechnen.

$$P_1 = \frac{M_2 \times n_2}{9550 \times \eta}$$

P_1: Antriebsleistung [kW]

M_2: Abtriebsdrehmoment [Nm]

n_2: Abtriebsdrehzahl [U/min]

η: Wirkungsgrad des Getriebes, ungefähr 0.94

Auswahl des Getriebes : Nach der Berechnung von erforderlichen Antriebsleistung, man kann geeignetes Getriebe von der Leistungstabelle der V-Serie auswählen. Abtriebsdrehzahl des ausgewählten Getriebes soll nah an berechnete Abtriebsdrehzahl liegen. Bei dieser Drehzahl soll die Nennleistung des Getriebes mit erforderlicher Kranklasse gleich oder groß von erforderlicher Antriebsleistung sein. Die Nennleistungen von V Serie Getrieben für “fs=1” -Bedingung kann von der Leistungstabellen abgelesen werden. Für erforderliche Kranklasse soll entsprechender Betriebsfaktor von der Vergleichstabelle für Kranklasse und Betriebsfaktor auf der Seite 15 gefunden werden und geeignetes Getriebe ausgewählt werden.

Radyal Yük Hesabı

Bir vinç sisteminde halatın redüktörün çıkış miline en yakın olduğu, en kötü şart için redüktörün çıkış milinde oluşan radyal yük aşağıdaki formülle yaklaşık olarak hesaplanabilir. Güç devir sayfalarında verilen tonajlar ve donam sayıları için radyal yük kontrolleri yapılmıştır ve ayrıca kontrole gerek yoktur. Güç devir sayfalarında verilmeyen tonaj ve donam sayıları için aşağıdaki formül kullanılarak radyal yük kontrolü yapılabilir.

$$f_q = \frac{L \times 9,81 \times 1000}{k}$$

f_q: Oluşan radyal yük [N]

L: Yük [ton]

k: Donam sayısı

Overhung Load Calculation

Overhung loads for crane systems can be calculated approximately with below written formula, for the condition that the crane rope is closest to the output shaft of gearbox. Gearboxes were checked by calculation and it is not necessary to check again. If you want to calculate overhung load for a specific tones and falls, which are not on performance tables you can use below written formula.

$$f_q = \frac{L \times 9,81 \times 1000}{k}$$

f_q: *Overhung load [N]*

L: *Load [tones]*

k: *Falls*

Berechnung der Querkräfte

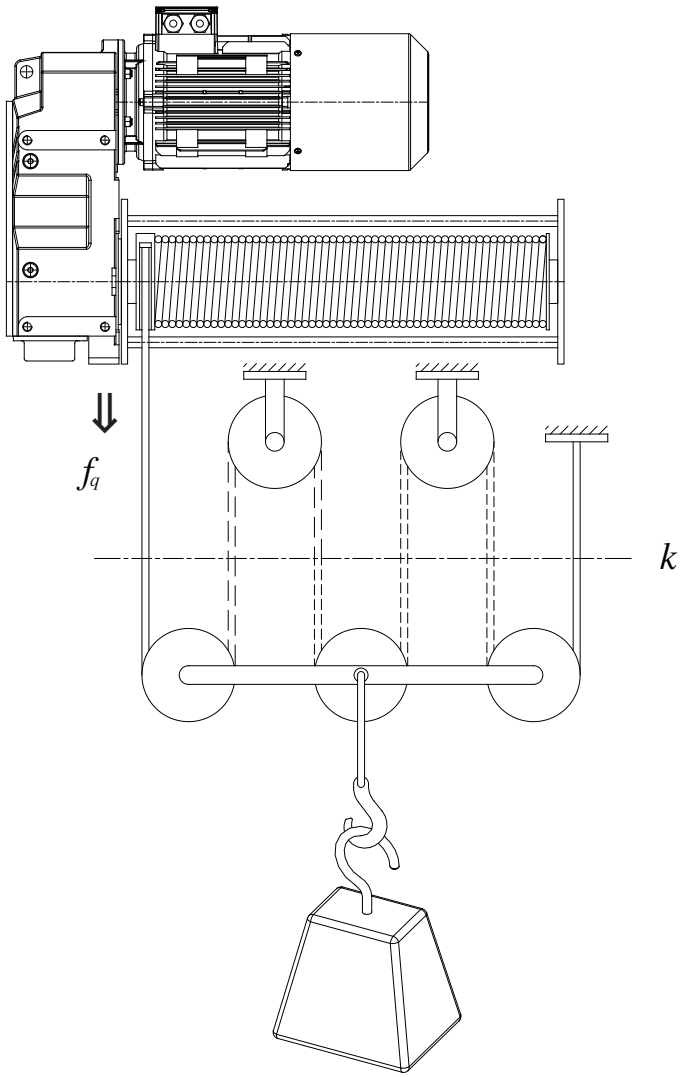
Querkräfte für Krananlagen kann annäherungsweise mit unter geschrieben Formel für die schlechteste Bedingung, dass das Kranseil zu der Ausgangswelle des Getriebes am nächsten ist, berechnet werden. Getriebe wurden durch Berechnung überprüft, und es ist nicht notwendig, noch einmal überzuprüfen. Wenn Sie Querkraft für eine bestimmte Last und Einscherung, die nicht auf die Leistungtabellen stehen, berechnen wollen, dann soll unten geschriebene Gleichung verwendet werden.

$$f_q = \frac{L \times 9,81 \times 1000}{k}$$

f_q: Querkraft [N]

L: Belastung [Tonnen]

k: Einscherung



Redüktör Dönüş Yönleri

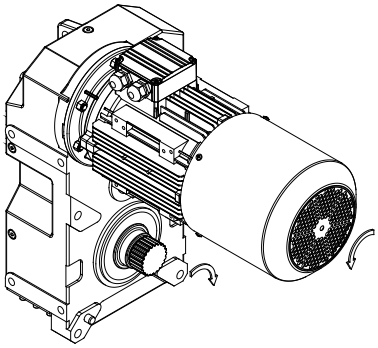
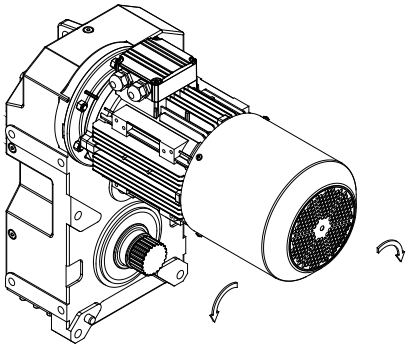
V Serisi ürünlerimiz için kullanılan yön tanımlaması aşağıdaki gibidir.

Direction of Rotation

V Series direction of rotation of are defined as follows.

Getriebedrehrichtungen

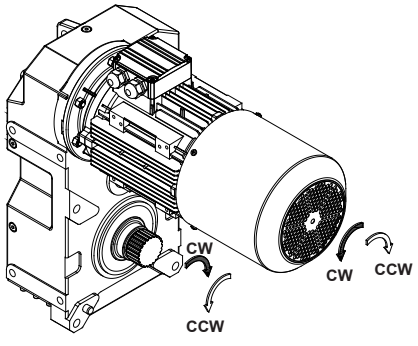
Die Drehrichtungen für V Serie Getriebe sind wie folgt definiert.

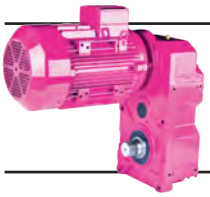
	3 Kademe / *3 Stages* / 3 stufig
Saat Yönünde *Clockwise* im Uhrzeigersinn **CW**	
Saat Tersi Yönünde Counter Clockwise gegen Uhrzeigersinn **CCW**	

Giriş mili dönüş yönüne göre çıkış mili dönüş yönleri aşağıdaki gibidir.

Output shaft rotation directions according to the input shaft rotation directions are as follows.

Drehrichtungen der Abtriebswelle im Abhängigkeit von der Antriebswellen sind wie folgt;

3 kademe / *3 Stages* / 3 stufig




Genel Bilgiler
General Information
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Redüktör Seçim Örneği

Aşağıda özellikleri belirtilen vincin sınıfını belirleyip, güç devir sayfalarından uygun olan redüktörü seçelim.

Tonaj : **10 ton**

Kaldırma hızı : **4 m/dak**

Donam sayısı : **4/1**

Tambur çapı : **270 mm**

Yükleme durumu : **L3 (Ağır)** (Genellikle ağır yükleri, ancak sık sık da maksimum yükleri kaldıran vinç)

Kanca yüksekliği : **6 metre**

Saatteki çalışma sayısı : **8**

Günlük çalışma saati : **8 saat**

Yıllık iş günü : **260 gün**

Beklenilen ömür : **6 yıl**

1) Aşağıdaki formül kullanılarak "t" günlük ortalama aktif çalışma süresi hesaplanır.

H: Kanca yüksekliği [m]

n: Saatteki çalışma sayısı

T: Günlük çalışma saati

V_h: Kaldırma hızı [m/d]

$$t = \frac{2 \times H \times n \times T}{60 \times V_h}$$

$$t = \frac{2 \times 6 \times 8 \times 8}{60 \times 4}$$

$$t = 3.2 \text{ saat}$$

2) Günlük ortalama aktif çalışma süresi, yıllık iş günü ve beklenilen ömür çarpılarak toplam kullanım zamanı hesaplanır.

$$3.2 \times 260 \times 6 = 4992 \text{ saat}$$

3) Sayfa 13'deki kullanım sınıfı tablosundan vincin kullanım sınıfı $\mathbf{T_5}$ (4992 > 3200) olarak bulunur.

4) Vincin yük sınıfı **L3 (Ağır)** olarak belirtilmiş, kullanım sınıfı da $\mathbf{T_5}$ olarak belirlenmişti. Sayfa 15'teki vinç sınıfları tablosundan vincin sınıfı **M6 (3m)** olarak bulunur.

Gearbox Selection Tutorial

We are going to determine the class of the crane and choose the suitable gearbox from performance tables, which's technical properties are written below.

*Load : **10 tonnes***

*Lifting speed : **4 m/m***

*Falls : **4/1***

*Drum diameter : **270 mm***

*State of loading : **L3 (Heavy)** (Crane subjected frequently to the maximum load and, normally, to loads of heavy magnitude)*

*Hook path : **6 meters***

*Number of cycles per hour : **8***

*Working time per day : **8 hours***

*Number of working days per year : **260 days***

*Number of years of expected service : **6 years***

1) We calculate "t" average daily utilization time with the help of below written formula.

H: *Hook path [m]*

n: *Number of cycles per hour*

T: *Working hours per day*

V_h: *Lifting speed [m/min]*

$$t = \frac{2 \times H \times n \times T}{60 \times V_h}$$

$$t = \frac{2 \times 6 \times 8 \times 8}{60 \times 4}$$

$$t = 3.2 \text{ hours}$$

2) We calculate total duration of use by multiplying average daily utilization time, the number of working days per year and the number of years of expected service.

$$3.2 \times 260 \times 6 = 4992 \text{ hours}$$

3) We can read utilization class of the crane as $\mathbf{T_5}$ (4992 > 3200) from utilization class table at page 13.

*4) Crane's load class is **L3 (Heavy)** and we found the utilization class as $\mathbf{T_5}$. We can read the class of the crane as **M6 (3m)** from crane classes table at page 15.*

Getriebeauswahl Beispiel

Nach den unteren Angaben wird erstens Kranklasse des Getriebes bestimmt und dann aus der Leistungstabellen wird geeignetes Getriebe ausgewählt.

Belastung: **10 Tonnen**

Hubgeschwindigkeit: **4 m/min.**

Einscherung: **4/1**

Trommeldurchmesser: **270 mm**

Beladungszustand: **L3(Schwer)** (*Kräne,die hauptsächlich Beanspruchungen in der Nähe der Höchstbeanspruchung unterzogen werden)*

Hakenweg: **6 Meter**

Anzahl von Starten pro Stunde: **8**

Betriebsstunden pro Tag: **8 Stunden**

Anzahl von Betriebstagen pro Jahr: **260 Tagen**

Jahren von erwartetem Lebensdauer: **6 Jahren**

1) Man berechnet "t" durchschnittliche Laufzeit pro Tag mit Hilfe von folgender Gleichung

H: Hakenweg [m]

n: Anzahl von Starten pro Stunde

T: Betriebsstunden pro Tag

V_h: Hubgeschwindigkeit [m/min]

$$t = \frac{2 \times H \times n \times T}{60 \times V_h}$$

$$t = \frac{2 \times 6 \times 8 \times 8}{60 \times 4}$$

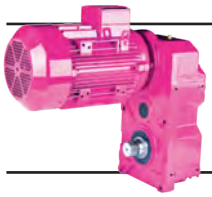
$$t = 3.2 \text{ Stunden}$$

2) Mit der Multiplikation von durchschnittliche Laufzeit pro Tag, Anzahl von Betriebstagen pro Jahr und Jahren von erwartetem Lebensdauer erhält man Gesamtlaufzeit.

$$3.2 \times 260 \times 6 = 4992 \text{ Stunden}$$

3) Laufzeitklasse von Kran wird von der Tabelle der Laufzeitklasse auf der Seite 13 als $\mathbf{T_5}$ (4992>3200) abgelesen.

4) Belastungsstufe von Kran ist **L3 (Schwer)** und die Laufzeitklasse wurde als $\mathbf{T_5}$ festgestellt. Kranklasse wird von der Tabelle auf der Seite 15 als **M6 (3m)** abgelesen.



5) Vincin tonajı **10 ton**, donam sayısı **4/1**, tambur çapıda **270 mm** olarak verilmiş. Kaldırma hızı olarakta **4 m/dak** isteniyor. Kataloğumuzun güç ve devir sayfalarından **10 ton** tonaj, **4/1** donam sayısı sayfası bulunur (sayfa 171). **270 mm** tambur çapında **4.0 m/dak** kaldırma hızında **M6 (3m)** sınıfını sağlayan **VR573.1K-3E132M/4D** seçilir.

6) **VR573.1K-3E132M/4D**
i (Çevrim Oranı) = **77,63**
Motor gücü / devri = **7,5 kW / 1465 d/d**
Çıkış momenti = **3571 Nm**
Çıkış devri = **19 d/d**
Taşıdığı güvenilir radyal yük = **83614 N**

7) Kataloğumuzun güç ve devir sayfalarında standart olarak verilen tonajlarda ve donam sayılarında, redüktörlerin çıkış millerinde oluşan radyal yükler hesaplanarak kontrolleri yapılmıştır. Belirtilen vinç sınıfları için redüktörlerin taşıdığı güvenilir radyal yükler oluşan radyal yüklerden daha büyüktür. Güç ve devir sayfalarında geçen standart tonaj ve donam sayılarında belirtilen vinç sınıfları için tekrar radyal yük kontrolü yapılmasına gerek yoktur.

*5) Crane's load is **10 tonnes**, **4/1** falls and drum diameter is **270 mm**. The required lifting speed is **4 m/min**. We find **10 tonnes** load and **4/1** falls page from our catalogues performance tables (page 171). We choose **VR573.1K-3E132M/4D** which's class is **M6 (3m)** with **270 mm** drum diameter and **4.0 m/min** lifting speed.*

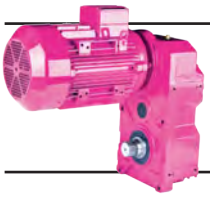
*6) **VR573.1K-3E132M/4D***
*i (Ratio) = **77,63***
*Motor power / speed = **7,5 kW / 1465 rpm***
*Output torque = **3571 Nm***
*Speed = **19 rpm***
*Permissible overhung load = **83614 N***

7) We have checked the occurring overhung loads at the output shafts of our gearboxes for our standard tonnages and falls at our performance tables. For the stated crane classes permissible overhung loads are bigger then the occurring overhung loads. For our standard tonnages and falls checking the occurring overhung loads again is not necessary.

5) Die Belastung von Kran ist **10 Tonnen**, Einscherung ist **4/1** und Trommeldurchmesser ist **270 mm**. Erforderliche Hubgeschwindigkeit beträgt **4 m/min**. Wir gehen zur Seite der Leistungstabelle mit **10 Tonnen** Last und **4/1** Einscherung (Seite 171). Wir wählen ***VR573.1K-3E132M/4D*** mit Kranklasse **M6 (3m)**, Trommeldurchmesser **270 mm** und Hubgeschwindigkeit **4.0 m/min**.

6)**VR573.1K-3E132M/4D**
i (Übersetzung) = **77,63**
Motor -leistung / -drehzahl = **7,5 kW / 1465 U/min**
Abtriebsdrehmoment = **3571 Nm**
Abtriebsdrehzahl = **19 U/min**
Zulässige Querkraft = **83614 N**

7) Entstandene Querkräfte an der Abtriebswelle des Getriebes werden entsprechend zu Belastung und Einscherung überprüft . Für die genannte Kranklassen soll zulässige Querkräfte größer als entstandene Querkräfte sein. Eine nochmalige Überprüfung von Querkräfte ist nicht erforderlich.



Redüktör Seçim Örneği - 2

Aşağıda özellikleri belirtilen, kataloğumuzun güç ve devir sayfalarında standart olarak bulunmayan tonajda ve tambur çapında kullanılacak olan vinç için, uygun olan redüktörü seçelim.

Tonaj : **15 ton**

Kaldırma hızı : **4,5 m/dak**

Donam sayısı : **4/1**

Tambur çapı : **295 mm**

İstenilen vinç sınıfı : **M6 (3m)**

1) Aşağıdaki formül kullanılarak redüktör çıkış torku bulunur.

$$M_2 = \frac{L \times 9,81 \times (D_T/2000)}{k \times \eta_S}$$

M_2: Redüktör çıkışında gerekli tork [Nm]

L: Yük [kg]

D_T: Tambur çapı [mm]

k: Donam sayısı

η_S: Halat donam düzeni verimi

Sayfa 17'de bulunan toplam halat donam düzeni verimi tablosundan 4 donam için toplam verim 0,95 olarak okunur.

$$M_2 = \frac{15000 \times 9,81 \times (295/2000)}{4 \times 0,95}$$

$$M_2 = 5712\ Nm$$

2) Aşağıdaki formül kullanılarak redüktör çıkış devri bulunur.

$$n_2 = \frac{V_h \times k}{\pi \times (D_T/1000)}$$

n_2: Redüktör çıkış devri [d/d]

V_h: Kaldırma hızı [metre/dakika]

D_T: Tambur çapı [mm]

$$n_2 = \frac{4,5 \times 4}{\pi \times (295/1000)}$$

$$n_2 = 19,4\ d/dak$$

Gearbox Selection Tutorial - 2

We are going to select a suitable gearbox for a crane, which will be used with tonnage and drum diameter thats are not on our standard performance tables.

Load : ***15 tones***

Lifting speed : ***4,5 m/min***

Falls : ***4/1***

Drum diameter : ***295 mm***

Required crane class : ***M6 (3m)***

1) We calculate output torque of gearbox with below written formula.

$$M_2 = \frac{L \times 9,81 \times (D_T/2000)}{k \times \eta_S}$$

M_2: *Required output torque [Nm]*

L: *Load [kg]*

D_T: *Drum diameter [mm]*

k: *Falls*

η_S: *Rope reeving arrangement efficiency*

We read total rope reeving arrangement efficiency of 0,95 for 4/1 falls from the table at page 17.

$$M_2 = \frac{15000 \times 9,81 \times (295/2000)}{4 \times 0,95}$$

$$M_2 = 5712\ Nm$$

2) We calculate the output speed of the gearbox with below written formula.

$$n_2 = \frac{V_h \times k}{\pi \times (D_T/1000)}$$

n_2: *Output speed [rpm]*

V_h: *Lifting speed [m/min]*

D_T: *Drum diameter [mm]*

$$n_2 = \frac{4,5 \times 4}{\pi \times (295/1000)}$$

$$n_2 = 19,4\ rpm$$

Getriebeauswahl Beispiel 2

Wir werden ein Getriebe für ein Kran, der mit einer Belastung und Trommeldurchmesser, deren Werten nicht auf unserem Katalog gefunden werden kann, auswählen.

Belastung: **15 Tonnen**

Hubgeschwindigkeit: **4.5 m/min**

Einscherung: **4/1**

Trommeldurchmesser: **295 mm**

Erforderliche Kranklasse: **M6 (3m)**

1)Wir berechnen Abtriebsdrehmoment mit Hilfe von folgender Gleichung

$$M_2 = \frac{L \times 9,81 \times (D_T/2000)}{k \times \eta_S}$$

M_2: Abtriebsdrehmoment [Nm]

L: Last [kg]

D_T: Trommeldruchmesser [mm]

k: Einscherung

η_S: Wirkungsgrad von Anordnung der Einscherung

Wir haben festgestellt, dass Wirkungsgrad von Anordnung der Einscherung von der Tabelle auf der Seite 17 für 4/1 Einscherung 0.95 beträgt.

$$M_2 = \frac{15000 \times 9,81 \times (295/2000)}{4 \times 0,95}$$

$$M_2 = 5712\ Nm$$

2) Wir können Abtriebsdrehzahl von Getriebe mit unterer Gleichung berechnen.

$$n_2 = \frac{V_h \times k}{\pi \times (D_T/1000)}$$

n_2: Abtriebsdrehzahl [U/min]

V_h: Hubgeschwindigkeit [m/min]

D_T: Trommeldurchmesser [mm]

$$n_2 = \frac{4,5 \times 4}{\pi \times (295/1000)}$$

$$n_2 = 19,4\ U/\min$$

3) Aşağıdaki formül kullanılarak redüktör ihtiyaç giriş gücü belirlenir.

$$P_1 = \frac{M_2 \times n_2}{9550 \times \eta}$$

P_1: Redüktör giriş gücü [kW]

M_2: Redüktör çıkış torku [Nm]

n_2: Redüktör çıkış devri [d/d]

η: Redüktör verimi, yaklaşık olarak 0,94 alınabilir.

$$P_1 = \frac{5712 \times 19,4}{9550 \times 0,94}$$

$$P_1 = 12,34\ kW$$

4) V serisi performans tablolarından **1400 d/dak** giriş devrinde çıkış devri **18 d/dak**, **M6 (3m)** yük sınıfında nominal giriş gücü **17.58 kW** olan **VR673...** seçilir (sayfa 356).

5) Hesaplanan ihtiyaç giriş gücünü sağlayan **15 kW** motorlu **VR673.1K-3E160L/4D** tip redüktör seçilir.

6) **VR673.1K-3E160L/4D**
i = **76,17**
Motor gücü = **15 kW**
Çıkış devri = **18 d/d**
Taşıdığı güvenilir radyal yük = **61142 N** M8 (5m) sınıfı için.

7) Redüktör çıkış milinde oluşan radyal yük aşağıdaki formülle hesaplanır.

$$f_q = \frac{L \times 9,81 \times 1000}{k}$$

$$f_q = \frac{15 \times 9,81 \times 1000}{4}$$

$$f_q = 36788\ N$$

V serisi performans tablolarında redüktörlerin M8 (5m) sınıfındaki güvenilir radyal yükleri verilmiştir. Oluşan radyal yük redüktörün M8 (5m) sınıfında taşıdığı güvenilir radyal yükten daha düşüktür. M6 (3m) sınıfında redüktör daha emniyetli olacaktır. Seçilen redüktörün çıkış milinde oluşan radyal yükün redüktörün M8 (5m) sınıfında taşıdığı güvenilir radyal yükten daha yüksek olması durumunda redüktörün seçilen daha düşük vinç sınıfı için taşıdığı güvenilir radyal yükünün hesaplanması gerekir. Lütfen bu durumda radyal yük kontrolü için bize danışınız.

3) We calculate required input power of the gearbox with the below written formula.

$$P_1 = \frac{M_2 \times n_2}{9550 \times \eta}$$

P_1: *Input power [kW]*

M_2: *Output torque [Nm]*

n_2: *Output speed [rpm]*

η: *Gearbox efficiency, approximately 0,94*

$$P_1 = \frac{5712 \times 19,4}{9550 \times 0,94}$$

$$P_1 = 12,34\ kW$$

*4) We choose **VR673...** which's output speed is **18 rpm**, with **1400 rpm** input speed, nominal input power is **17.58 kW** at **M6 (3m)** crane class from performance tables (page 356).*

*5) We choose **VR673.1K-160L/4-L20** type gearbox with **15 kW** motor power which is sufficient for calculated required input power.*

*6) **VR673.1K-3E160L/4D***
*i = **76,17***
*Motor power = **15 kW***
*Output speed = **18 rpm***
*Permissible radial load = **61142 N** for M8 (5m) crane class.*

7) We calculate overhung load at output shaft of gearbox with below written formula.

$$f_q = \frac{L \times 9,81 \times 1000}{k}$$

$$f_q = \frac{15 \times 9,81 \times 1000}{4}$$

$$f_q = 36788\ N$$

You can find permissible overhung loads for M8 (5m) crane class at peformance tables. Occurred overhung load is smaller then the permissible overhung load for M8 (5m) crane class. Gearbox is going to be much more safer at M6 (3m) class. If your calculated overhung load is higher then the permissible overhung load at performance tables, please consult us for the calculation of permissible overhung load at your crane's smaller class.

3) Wir berechnen notwendige Eingangsleistung von Getriebe mit dem unteren Formel:

$$P_1 = \frac{M_2 \times n_2}{9550 \times \eta}$$

P_1: Eingangsleistung

M_2: Ausgangsdrehmoment

n_2: Abtriebsdrehzahl

η: Wirkungsgrad des Getriebes, ungefähr 0.94

$$P_1 = \frac{5712 \times 19,4}{9550 \times 0,94}$$

$$P_1 = 12,34\ kW$$

4) Wir wählen **VR673...** , dessen Abtriebsdrehzahl **18 U/min**, Antriebsdrehzahl **1400 U/min**, Nennleistung am Eingang **17.58 kW** bei **M6 (3m)** Kranklasse nach Leistungstabelle ist (Seite 356).

5) Wir wählen Getriebe **VR673.1K-160L/4-L20** mit **15 kW** Motorleistung, welche genügend für berechneten notwendigen Eingangsleistung ist.

6) **VR673.1K-3E160L/4D**
i = **76,17**
Motorleistung = **15 kW**
Abtriebsdrehzahl = **18 rpm**
Zulässige Querkraft = **61142 N** für M8 (5m) Kranklasse.

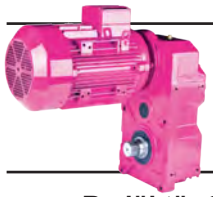
7) Wir berechnen Querkraft am Abtriebswelle der Getriebe mit unten genannten Formeln:

$$f_q = \frac{L \times 9,81 \times 1000}{k}$$

$$f_q = \frac{15 \times 9,81 \times 1000}{4}$$

$$f_q = 36788\ N$$

Zulässige Querkräfte für M8 (5m) Kranklasse kann von Leistungstabellen entnommen werden. Entstandene Querkraft soll kleiner als zulässige Querkraft für M8 (5m) Kranklasse sein. Getriebe wird noch sicherer bei M6 (3m) Kranklasse sein. Wenn berechnete Querkraft höher als zulässige Querkraft ist, bitte für Durchführung einer Berechnung mit uns Kontakt aufnehmen.



Redüktör Seçim Formu

Vinç Sınıfı* .....**ISO (FEM)**

M4 (1Am) [ ] **M5** (2m) [ ] **M6** (3m) [ ]
M7 (4m) [ ] **M8** (5m) [ ]

Tonaj:*

..... ton

Donam Sayısı:*

1/1 [ ] 2/1 [ ] 4/1 [ ] 6/1 [ ] 8/1 [ ]

Tambur Çapı:*

..... mm

Kaldırma Hızı:*

..... m/dak

Tahrik Şekli:*

AC Motor [ ]
AC Motor + Invertör [ ]
DC Motor [ ]

Montaj Pozisyonu:*

M1 [ ] M3 [ ] M5 [ ] M6 [ ]
Diğer.....

Motor Gücü:

-Nominal.....kW

Elektrik Gerilimi:

AC-Monofaze [ ] AC-Trifaze [ ] DC [ ]
Voltaj.....Volt
Frekans.....Hz

Motor Devri:

-Normal.....d/dak
-En çok.....d/dak
-En az.....d/dak

Motor Torku:

-Normal.....Nm
-En çok.....Nm
-En az.....Nm

Termistör:

Var [ ] Yok [ ]

Fren Torku:

..... Nm

Fren Soğutması:

Pervaneli [ ] Pervanesiz [ ]

Fren Voltajı:

230V [ ] 24V [ ]

Fren için Manuel Kol:

Var [ ] Yok [ ]

Çevre Şartları:

Normal [ ] Tozlu [ ] Nemli [ ]
Korozif [ ] Kuru [ ]

Deniz seviyesinden yükseklik:

<1000 [ ] <2000 [ ] <3000 [ ]
<4000 [ ] <5000 [ ]

Çıkış Tambur Bağlantı Flanşı:

Var [ ] Yok [ ]

Çıkış mili bağlantı şekli:

Bağlantı elemanı çapı.....mm
Radyal yükü.....N

Çıkış Mili Özelliği:

Standart (DIN 5480) 1K [ ]
Opsiyonel (DIN 5480) 1L [ ]
Opsiyonel (DIN 5480) 1M [ ] (Sadece VR673)

Motor Koruma Sınıfı:

IP55 [ ] IP65 [ ] Exproof [ ]
Diğer IP.....

Montaj yeri:

Küçük kapalı oda (w<1m/sn) [ ]
Kapalı oda (w<3m/sn) [ ]
Büyük oda ve holler (w>=3m/sn) [ ]
Tamamen açık ortam [ ]

Çevre Sıcaklığı:

Ortalama..... ^{0}C
En Yüksek..... ^{0}C
En Düşük..... ^{0}C

Vinç Sınıfı Bilinmiyorsa ;

Vinç Günlük Çalışma Saati:

..... saat

Vinç Saatteki Çalışma Sayısı:

.....

Vinç Kanca Yüksekliği:

.....metre

Vinç Yükleme Sınıfı:

Hafif [ ] Orta [ ] Ağır [ ] Çok Ağır [ ]

Ekler:
Yük diyagramı [ ]
Proje [ ]
İstenen ana boyutlar [ ]
Teknik veriler [ ]

Diğer Notlar:

* : Redüktör seçimi için gerekli, doldurulması zorunlu alanlar.

Gearbox Selection Form

Crane Class* .....**ISO (FEM)**

M4 (1Am) [ ] **M5** (2m) [ ] **M6** (3m) [ ]
M7 (4m) [ ] **M8** (5m) [ ]

Load*:

..... tones

Falls*:

1/1 [ ] 2/1 [ ] 4/1 [ ] 6/1 [ ] 8/1 [ ]

Drum Diameter*:

..... mm

Lifting Speed*:

..... m/m

Driving Machine*:

AC Motor [ ]
AC Motor + Inverter [ ]
DC Motor [ ]

Mounting Position*:

M1 [ ] M3 [ ] M5 [ ] M6 [ ]
Other.....

Motor Power:

-Nominal.....kW

Electrical Supply:

AC-1 Phase [ ] AC-3 Phase [ ] DC [ ]
Voltage.....Volt
Frequency.....Hz

Motor Speed:

-Normal.....rpm
-Maximum.....rpm
-Minimum.....rpm

Motor Torque:

-Normal.....Nm
-Maximum..... Nm
-Minimum.....Nm

Thermistor:

Yes [ ] No [ ]

Brake Torque:

..... Nm

Brake Cooling:

With Fan [ ] Without Fan [ ]

Brake Voltage:

230V [ ] 24V [ ]

Manual Hand Release:

Yes [ ] No [ ]

Ambient Conditions:

Normal [ ] Dusty [ ] Humid [ ]
Corrosive [ ] Dry [ ]

Altitude:

<1000 [ ] <2000 [ ] <3000 [ ]
<4000 [ ] <5000 [ ]

Drum Output Connection Flange:

Yes [ ] No [ ]

Output Shaft Connection Type:

Diameter of connection element.....mm
Radial load.....N

Output Shaft Specification:

Standard (DIN 5480) 1K [ ]
Optional (DIN 5480) 1L [ ]
Optional (DIN 5480) 1M [ ] (Just VR673)

Motor Protection Class:

IP55 [ ] IP65 [ ] Exproof [ ]
Other IP.....

Mounting Place:

Small closed room (w<1m/s) [ ]
Closed room (w<3m/s) [ ]
Big rooms and halls (w>=3m/s) [ ]
Outdoor [ ]

Ambient Temperature:

Average..... ^{0}C
Maximum..... ^{0}C
Minimum.....^{0}C

If the Class of the Crane doesn't Known ;

Operating Hours per Day:

..... hour

Operating Cycles per Hour

.....

Hook Path:

.....meter

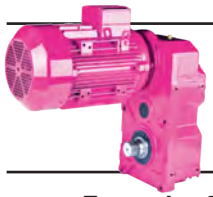
State of Loading:

Light [ ] Moderate [ ] Heavy [ ]
Very Heavy [ ]

Attachments:
Load Diagram [ ]
Project [ ]
Required Dimensions [ ]
Technical Specifications [ ]

Notes:

*: Mandatory fields for selection of gearbox.



Formular für Getriebeauswahl

Kranklasse* .....**ISO (FEM)**

M4 (1Am) [ ] **M5** (2m) [ ] **M6** (3m) [ ]
M7 (4m) [ ] **M8** (5m) [ ]

Last:*

..... Tonnen

Einscherung:*

1/1 [ ] 2/1 [ ] 4/1 [ ] 6/1 [ ] 8/1 [ ]

Trommeldurchmesser:*

..... mm

Hubgeschwindigkeit:*

..... m/m

Antriebsmaschine:*

AC Motor [ ]
AC Motor mit Frequenzumrichter [ ]
DC Motor [ ]

Montagepositionen:*

M1 [ ] M3 [ ] M5 [ ] M6 [ ]
Andere.....

Motorleistung:

-Nennleistung.....kW

Motorspannung:

AC-Einphasig [ ] AC-Dreiphasig [ ] DC [ ]
Spannung.....V
Frequenz.....Hz

Motordrehzahl:

-Nenndrehzahl.....U/min
-Maximal.....U/min
-Minimal.....U/min

Motordrehmoment:

-Nenndrehzahl.....Nm
-Maximal.....Nm
-Minimal.....Nm

Thermistorschutz:

Ja [ ] Nein [ ]

Drehmoment der Bremse:

..... Nm

Kühlung von Bremse:

Mit Lüfter [ ] ohne Lüfter [ ]

Bremsenspannung:

230V [ ] 24V [ ]

Handhebel für Bremse:

Ja [ ] Nein [ ]

Umgebungsbedingungen:

Üblich [ ] Staubig [ ] Feucht [ ]
Korrodierend [ ] Trocken [ ]

Höhenlage über Meeresspiegel (m):

<1000 [ ] <2000 [ ] <3000 [ ]
<4000 [ ] <5000 [ ]

Trommelflansch:

Ja [ ] Nein [ ]

Verbindung von Ausgangswelle:

Durchmesser von Anschlusselement.....mm
Querkraft.....N

Ausgangswelle:

Standard (DIN 5480) 1K [ ]
Auswählbar (DIN 5480) 1L [ ]
Auswählbar (DIN 5480) 1M [ ] (Nur für VR673)

Schutzklasse von Motor:

IP55 [ ] IP65 [ ] Ex-Schutz [ ]
IP.....

Betriebsort:

Kleine geschlossene Räume (w<1m/sn) [ ]
Geschlossene Räume (w<3m/sn) [ ]
Große Räume und Hallen (w>=3m/sn) [ ]
im Freien [ ]

Umgebungstemperatur:

Mittelwert..... ^{0}C
Maximal..... ^{0}C
Minimal..... ^{0}C

Wenn Kranklasse nicht festgelegt;

Betriebsstunden pro Tag:

..... Stunde

Anzahl von Start-Stop pro Stunde:

.....

Kranhakenhöhe:

.....Meter

Beladungszustand von Getriebe:

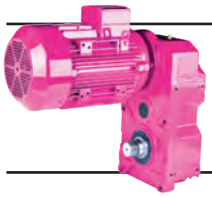
Leicht [ ] Mittel [ ] Schwer [ ] Sehr Schwer[ ]

Anhang:

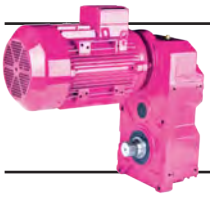
Lastdiagramm [ ]
Projekt [ ]
Geswünschte Hauptdimensionen [ ]
Technische Daten [ ]

Andere Notizen:

*: Pflichtfelder für die Auswahl des Getriebes.



Notlar / *Notes* / Notizen



Yağlama

Redüktörlerin uzun ömürlü olması ve iyi performansla çalışabilmesi için, kullanılan yağın seçimi doğru olmalı ve belirtilen zamanlarda değişimleri yapılmalıdır.

Yağın seçiminde devir, çevre sıcaklığı, redüktör yağ sıcaklığı, çalışma koşulları ve yağ ömrü önem taşımaktadır. Redüktörler yağı doldurulmuş olarak sevkedilmektedir. Redüktörler uzun süre depolanacakları zaman veya çalışmaya başlanacağı zaman çalışma konumuna göre üstte kalan tapa sökülmeli ve redüktörün beraberinde verilen havalandırma tapası kullanılmalıdır. Bu redüktörün iç basıncından dolayı oluşacak yağ sızmalarını önleyecektir.

Redüktörlerde standart olarak kullanılan yağlar yan sayfadaki tabloda verilmiştir. Redüktörünüzde kullanılan yağ tipi için lütfen etiketine bakınız. Siparişte belirtilmez ise V serisi redüktörler **M5** montaj pozisyonuna göre yağ miktarı ile doldurulur. Bu pozisyon dışındaki çalışma durumlarında tablolarda verilen yağ miktarlarına göre ilave veya eksiltme yapılmalıdır. Özel çalışma koşullarında firmamıza danışmanız tavsiye edilir.

Mineral yağlar her 10.000 çalışma saatinde, sentetik yağlar ise her 20.000 çalışma saatinde değiştirilmelidir. Ağır çevre koşullarında (ani ısı değişiklikleri, yüksek nemlilik v.b) yağ değiştirme periyotlarının kısaltılması tavsiye edilir. Mineral yağlar ile sentetik yağlar birbirine kesinlikle karıştırılmamalıdır. Değiştirme işlemi bir çalışma periyodunun hemen peşinden ve yağ sıcakken yapılmalıdır. Bu şekilde bir değiştirme, redüktör içindeki partiküllerin yağa karışmış olarak bulunmasından dolayı iyi bir temizleme ve yağın rahat boşalması neticesini verecektir.

Lubrication

To work in perfect condition and to have long life for the gear box the lubricant must be chosen correctly and changed in time.

In selection of oil it is important to consider speed, ambient temperature, gear box oil temperature, working conditions and the life required from the lubricant. All units are filled with lubricant before shipping. Before the gearbox is stored for a long time or before starting up, the top plug (according to the working position) must be removed and the extra given vent plug must be replaced. This prevents excessive pressure which causes oil leakages.

*The lubricants for standard gear units are given on the table on next page. Please look at your gear units label for filled oil type. If it is not written on the gearbox selection form, the V type gearboxes are filled for mounting position of **M5**. For other mounting positions please refer to the table given on the next pages. For special working conditions please contact us.*

The mineral lubricant should be changed after every 10.000 service hours and the synthetic lubricant should be changed after every 20.000 working hours. If the operation conditions are very heavy (e.g. high temperature differences, high humidity) shorter intervals between changes are recommended. Mineral and synthetic oils must not be mixed up. By changing the lubricant complete cleaning is advised. The oil change should be done after a working period. Because oil is hot in this condition and impurities are mixed with it the changing of oil will be done in best result and the oil will drain easily.

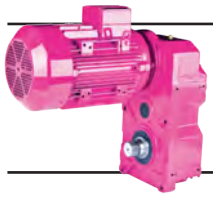
Schmierung

Um eine lange Lebensdauer zu gewährleisten muss der Schmierstoff richtig ausgewählt werden.

Für die richtige Ölauswahl müssen Drehzahl, Umgebugstemparatur, Belastungsart und Lebensdauer des Öls berücksichtigt werden. Die mitgelieferte Entlüftungsschraube ist vor Inbetriebnahme oder längeren Lagern gegen die Einfüllschraube auszutauschen, um einen Überdruck im Getriebe und damit eine Undichtigkeit des Getriebes zu vermeiden. Getriebe und Getriebemotoren sind bei Auslieferung betriebsfertig gefüllt.

Ohne besondere Bestellangaben werden die Getriebe grundsätzlich mit den auf der folgenden Seite in der grau unterlegten Spalte angegebenen Schmierstoffen gefüllt. Bitte im Getriebe verwendetes Öl von dem Namenschild ablesen. Die V Serie wird für Bauform **M5** gefüllt, wenn bei der Bestellung keine Angaben vorgegeben sind. Für andere Bauformen sind die auf der nächsten Seite angegebenen Füllmengen zu beachten.

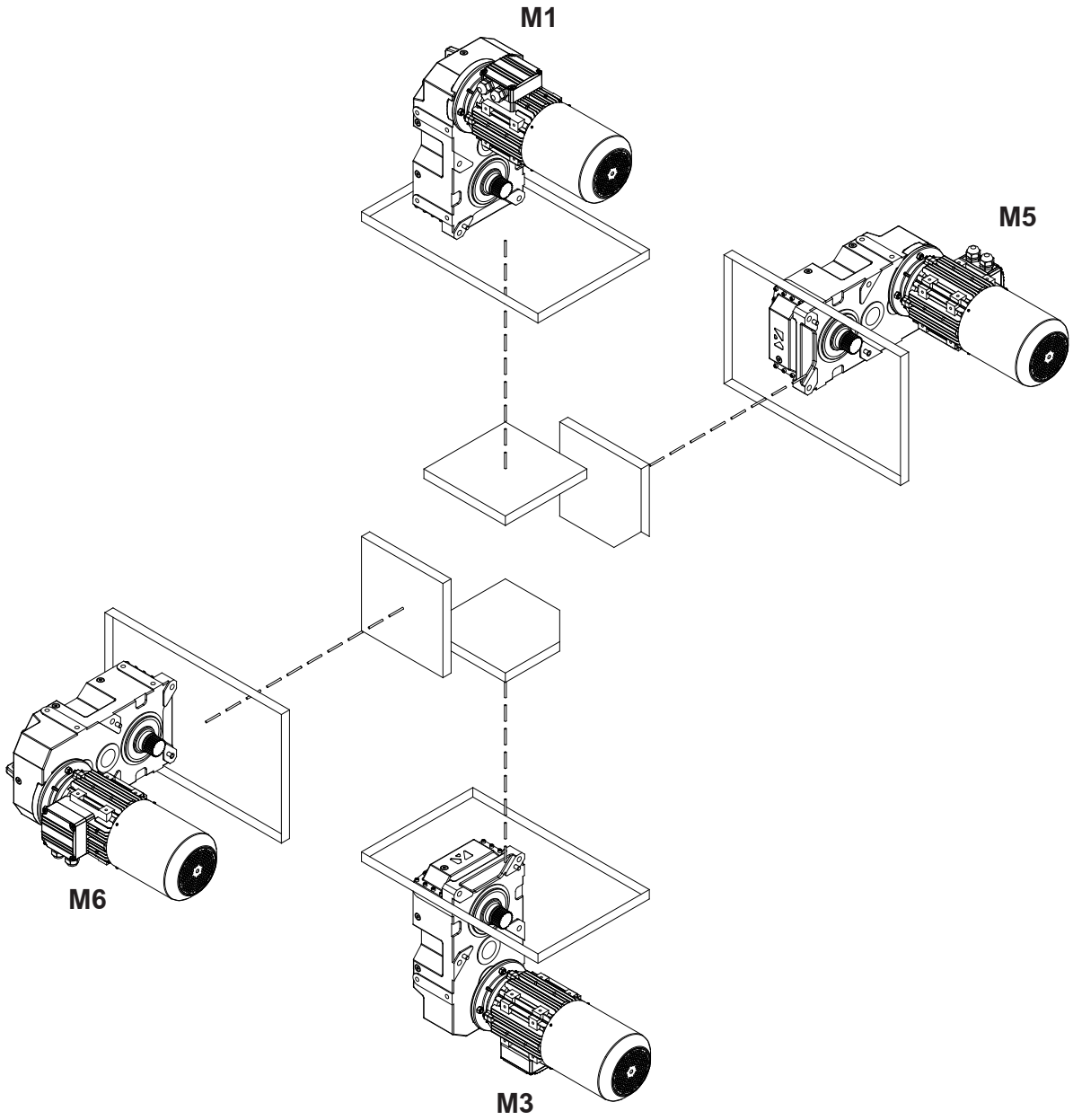
Ein Schmierstoffwechsel sollte alle 10.000 Betriebsstunden durchgeführt werden. Für synthetische Produkte verdoppeln sich diese Fristen. Bei extremen Betriebsbedingungen, z.B. hohe Luftfeuchtigkeit, aggresiver Umgebung und hohen Temparatur-schwankungen sind kürzere Schmierstoffintervalle vorteilhaft. Es ist empfehlenswert, dem Schmierstoffwechsel mit einer gründlichen Reinigung des Getriebes zu verbinden. Synthetische und mineralische Schmierstoffe dürfen nicht miteinander vermischt werden. Das Ablassen des Öls soll unmittelbar nach dem Abschalten erfolgen, solange das Öl noch warm ist. In dieser Zustand ist das Öl mit den Schmutzpartickeln vermischt, so dass eine Entfernung des Altöls eine gute Reinigung benötigt.



Yağ Tipleri / *Oil Types* / Schmierstoffe

Yağ Cinsi *Lubricant* Art des Schmierstoffes	DIN 51517-3	Çevre Sıcaklığı [°C] *Ambient Temp. [°C]* Umgebungstemp. [°C] / Daldırma Yağlama *Dip Lubrication* Tauchschmierung					Klüber Lubrication	Mobil	Shell	Total
Mineral Yağlar *Mineral Oil* Mineralöl	**CLP**	0 ... +50					Klüberoil EM 1-680 N	Mobilgear XMP 680	Omala 680	Carter EP 680
		-5 ... +45	460	Degol BG 460	Energol GR-XP 460	Alpha SP 460	Klüberoil GEM 1-460 N	Mobilgear XMP 460	Omala F460	Carter EP 460
		-10 ... +40	320	Degol BG 320	Energol GR-XP 320	Alpha SP 320	Klüberoil GEM 1-320 N	Mobilgear XMP 320	Omala F320	Carter EP 320
		-15 ... +30	220	Degol BG 220	Energol GR-XP 220	Alpha SP 220	Klüberoil GEM 1-220 N	Mobilgear XMP 220	Omala F220	Carter EP 220
		-20 ... +20	150	Degol BG 150	Energol GR-XP 150	Alpha SP 150	Klüberoil GEM 1-150 N	Mobilgear XMP 150	Omala 150	Carter EP 150
		-25... +10	100	Degol BG 100	Energol GR-XP 100	Alpha SP 100	Klüberoil GEM 1-100 N	Mobilgear XMP 100	Omala 100	Carter EP 100
Sentetik Yağlar *Synthetic Oil* Synthetisches Öl	**CLP PG**	-10 ... +60	680	Degol GS 680	Energsyn SG-XP 680	–	Klübersynth GH 6 -680	Mobil Glygoyle 680	Tivela S 680	Carter SY 680
		-20 ... +50	460	Degol GS 460	Energsyn SG-XP 460	Aphasyn PG 460	Klübersynth GH 6 -460	Mobil Glygoyle 460	Tivela S 460	Carter SY 460
		-25 ... +40	320	Degol GS 320	Energsyn SG-XP 320	Aphasyn PG 320	Klübersynth GH 6 -320	Mobil Glygoyle 320	Tivela S 320	Carter SY 320
		-30 ...+30	220	Degol GS 220	Energsyn SG-XP 220	Aphasyn PG 220	Klübersynth GH 6 -220	Mobil Glygoyle 30	Tivela S 220	Carter SY 220
		-35 ... +20	150	Degol GS 150	Energsyn SG-XP 150	Aphasyn PG 150	Klübersynth GH 6 -150	Mobil Glygoyle 22	Tivela S 150	Carter SY 150
		-40 ... +10	100	–	–	–	Klübersynth GH 6 -100	Mobil Glygoyle 100	–	–
	CLP HC	-10 ... +60	680	–	–	–	Klübersynth GEM 4-680 N	Mobil SHC Gear 680	–	Carter SH 680
		-20 ... +50	460	Degol PAS 460	Enersyn EP-XF 460	Alphasyn T 460	Klübersynth GEM 4-460 N	Mobil SHC Gear 460	Omala HD 460	Carter SH 460
		-25 ... +40	320	Degol PAS 320	Enersyn EP-XF 320	Alphasyn T 320	Klübersynth GEM 4-320 N	Mobil SHC Gear 320	Omala HD 320	Carter SH 320
		-30 ... +30	220	Degol PAS 220	Enersyn EP-XF 220	Alphasyn T 220	Klübersynth GEM 4-220 N	Mobil SHC Gear 220	Omala HD 220	Carter SH 220
		-35 ... +20	150	Degol PAS 150	Enersyn EP-XF 150	Alphasyn T 150	Klübersynth GEM 4-150 N	–	Omala HD 150	Carter SH 150
		-40 ... +10	100	–	–	–	Klübersynth GEM 4-100 N	–	–	–
Gıda Uyumlu Yağ *Food Grade Oil* Lebensmittelöl	**CLP NSF H1**	-15 ... +25	220	–	–	Optileb GT 220	Klüberoil 4 UH1-220 N	Mobil SHC Cibus 220	Cassida Fluid GL-220	Nevastane SL 220
Çevre Dostu Yağ *Biodegradable Oil* Biologisch abbaubares Öl	**CLP E**	-25 ... +40	320	–	–	Tribol BioTop 1418-320	Klübersynth GEM 2-320	–	–	Carter Bio 320
Mineral Gresler [-20 .... +130 Çalışma Sıcaklığı °C] *Mineral Grease [-20 .... +130 Working Temperature °C]* Mineral-Fett [-20 .... +130 Betriebstemperatur °C]				Aralub HL3	Energrease LS 3	Spheerol AP3	Centoplex 2 EP	Mobilux EP 3	Alvania RL3	Multis Complex EP 2
Sentetik Gresler [-30 .... +130 Çalışma Sıcaklığı °C] *Synthetic Grease [-30 .... +130 Working Temperature °C]* Synthetisches Fett [-30 .... +130 Betriebstemperatur °C]				–	Energrease SY 2202	–	Petamo GHY 133 N	Mobiltemp SHC 100	Cassida RLS 2	Multis Complex SHD 220

V Serisi Montaj Pozisyonları / *V Series Mounting Positions /* V Serie Bauformen

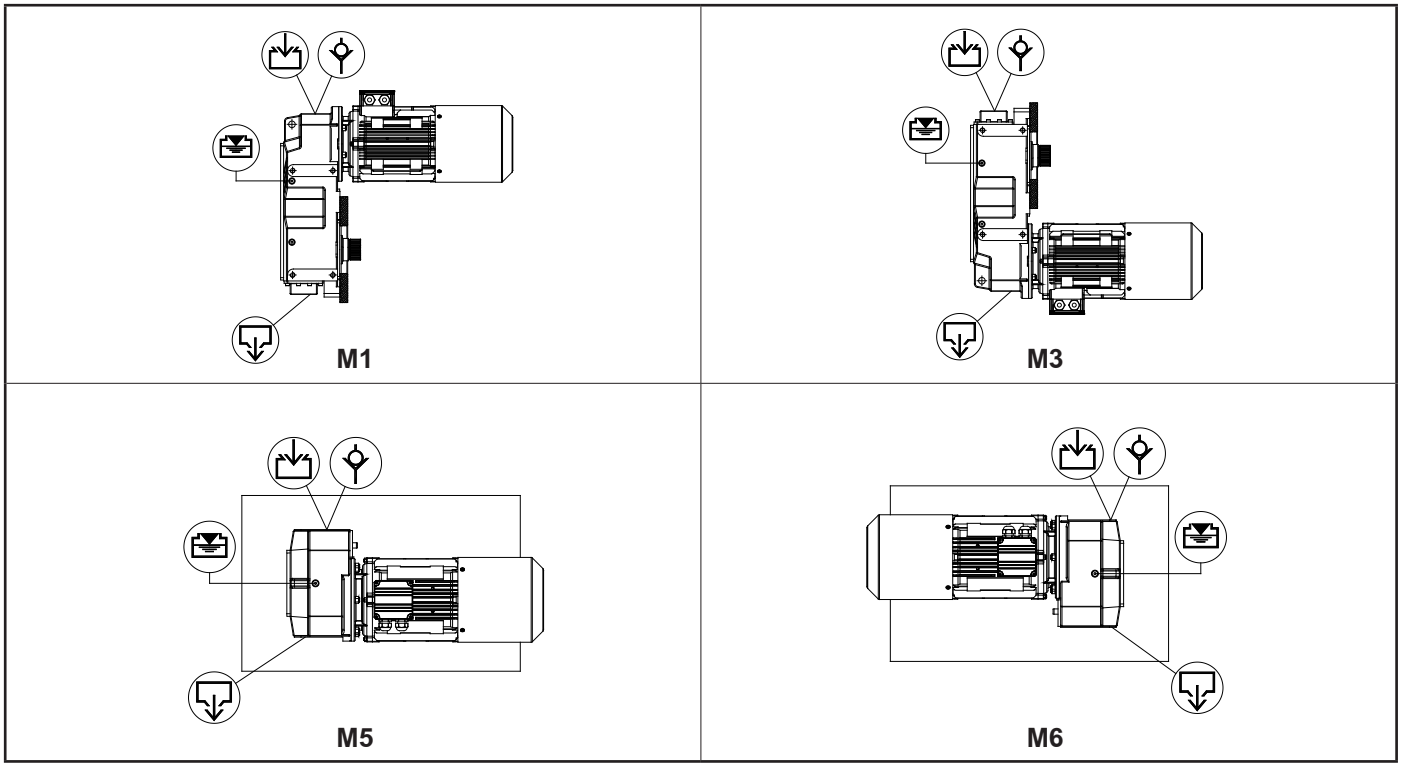


M1....M6 'ya kadar belirtilen montaj pozisyonları redüktörün duruş yönü referans alınarak belirlenmiştir.

Figured mounting positions of M1 to M6 are determined as reference of directional position of the gearbox.

Dargestellte Montagepositionen M1 bis M6 wurden nach der Stehrichtung von Getriebe bestimmt.

V Serisi Redüktörler Yağ Seviye Tapaları
V Series Gearboxes Oil Level Plugs
V Serie Getriebe Ölverschlußschrauben



Yağ Miktarları (lt) / *Oil Quantities (lt)* / *Ölmengen (lt)*

Tip *Type* Typ	**V Serisi Yağ Miktarları (lt)** *V Series Oil Quantities (lt)* Ölmengen von V Serie (lt)			
	M1	**M3**	**M5**	**M6**
V273	1,8	2,2	1,45	1,4
V373	3,3	4,0	2,6	2,5
V473	4,5	6,9	4,3	4,1
V573	9,7	12,5	9,2	9,0
V673	16,3	21	16	15,8
V773	30	18	21	20,5
V873	49,5	30	35	34

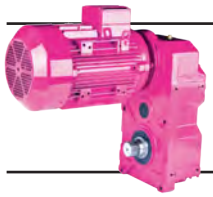
Semboller :
Symbols :
Symbole :

:Yağ doldurma
:Oil filling
:Ölfüllung

:Yağ boşaltma
:Drain plug
:Ölauslass

:Yağ seviyesi
:Oil level
:Ölstand

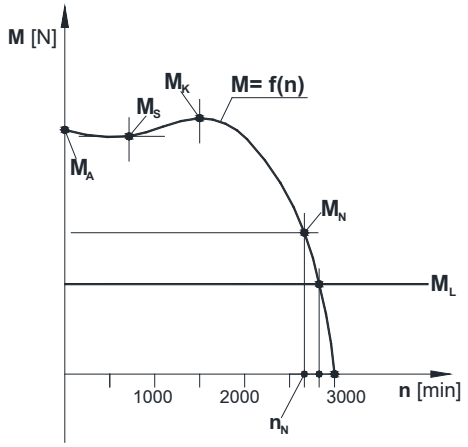
:Havalandırma
:Vent Plug
:Entlüftungschraube



MOTORLAR
AC Motorlar
a- Genel Özellikler:
Basit konstrüksiyonlu, bakım gerektirmez, güvenirliği yüksek ve uygun fiyatlı olmaları nedeni ile trifaze asenkron motorlar en çok kullanılan motor cinsidir. Bu motorların çalışma karekteristikleri moment-hız eğrisi ile belirlenir. Aşağıda bu karekteristik eğrisine bir örnek verilmiştir.

MOTORS
AC Motors
a- General Specifications:
On account of its simple and maintenance free construction, good reliability and price, the three phase squirrel cage motor is one of the most frequently employed electric motors. The run up behavior of a three phase squirrel cage motor is described by the torque-speed characteristic curve. An example is shown below.

MOTOREN
Drehstrommotoren:
a- Allgemeine Eigenschaften
Wegen die wartungsarme und leichte Konstruktion, hohe Sicherheit bei Nutzung und günstige Preise werden die asynchrone Drehstrommotoren am meisten benutzt. Motoranlaufverhalten wird mit Moment-Drehzahl-Kurve charakterisiert. Ein Beispiel ist unten angegeben.



M_A: Start momenti / *Starting torgue* / Anlaufmoment

M_S: Demeraj momenti / *Pull-up torgue* / Anziehungsmoment

M_K: Frenleme momenti / *Pull -out torgue* / Bremsungsmoment

M_N: Motorun ilettiği moment / *Motor rated torque* / Treibmoment

M_L: Yük momenti / *Load torque* / Lastmoment

Motorun her start yapılmasında bu eğriye uygun hareket eder ve yük momenti M ile bu eğrinin çakıştığı nokta, motorun çalışma anındaki moment ve devirini verir.

Statorun manyetik alanı senkron hızla n döner. Kutuplar arasındaki faz kayması 3 fazlı motorlarda 120° *'dir.*

$$n_s = 120 \times \frac{f}{p_s}$$

f.....: şebeke frekansı [Hz]
p_s.....: statorun kutup sayısı

Rotorun değişken manyetik alanı rotorun statorun manyetik alanının dönüşü yönünde dönmeye başlamasını sağlar. Rotor bu hareketinde statorun manyetik alanını takip eder ama hiçbir zaman yakalayamaz. Rotor statorun manyetik alanının hızından yavaş döner. Rotorun bu hızına baz hız n_N denir. Yükün azalması rotorun hızının artmasını sağlar, aynı zamanda sapma azalmış olur. Sapma aşağıdaki gibi belirlenmiştir:

$$s = \frac{n_s - n_N}{n_s} \times 100$$

Sapmanın miktarına göre motorun nominal değerlerinde şu farklılıklar olabilir.
Sapma s .....:± 20%
Kalkış Akımı.....:± 20%
Kalkış Momenti.....:-15 /+25 %
Kütle Atalet Momenti.....:± 10%
Verim (37 kW'a kadar).....:-0,15 (1-η)

The motor follows this torque characteristics up to its stable operating point every time, when it is switched on. Operating point is that point, where the moment speed curve intersects with load torque M line.
The magnetic field in the stator rotates at a synchronous speed n. Phase shift of each pole is 120° at 3 phase motors.

$$n_s = 120 \times \frac{f}{p_s}$$

f.....: supply frequency [Hz]
p_s.....: number of stator poles

Because of the alternating magnetic field in the rotor, the rotor starts running in the same direction of the stator flux and tries to catch up with the rotating flux. The rotor never catches up the stator field. The rotor runs slower than the speed of the stator field. This speed is called the base speed n_N.
A decrease in load will cause the rotor to speed up or decrease slip. The slip is defined as follows:

$$s = \frac{n_s - n_N}{n_s} \times 100$$

According to the slip, the nominal values of the electric motor can alter as follows:
Slip s .....:± 20%
Starting current .....:± 20%
Starting torque .....:-15 /+25 %
Moment of inertia.....:± 10%
Efficiency (up to 37 kW).....:-0,15 (1-η)

Der Drehstrommotor läuft diese Kurve bei jeder Anlauf, bis dem stabilen Betriebspunkt erreicht wird. Betriebspunkt ist der Zustand, bei dem die Moment-Drehzahl-Kurve sich mit der Linie von erforderlichen Moment M schneidet.
Magnetisches Feld von Stator dreht sich mit synchroner Geschwindigkeit n. Phasenverschiebung von den Polen ist 120° bei 3 phasigen Drehstrommotoren.

$$n_s = 120 \times \frac{f}{p_s}$$

f.....: Frequenz der Spannung [Hz]
p_s.....: Anzahl der Polen von Stator

Durch das magnetische Wechselfeld in den Rotor, beginnt der Rotor sich in der gleichen Richtung des Statorflusses zu drehen und versucht diese Bewegung aufzuholen. Der Rotor kann den Statorfeld nie aufholen. Die Rotorgeschwindigkeit nennt man Basisgeschwindigkeit n_N. Eine Abnahme der Belastung bewirkt, dass der Rotor sich beschleunigt und der Schlupf sich verringert. Der Schlupf wird wie folgt definiert:

$$s = \frac{n_s - n_N}{n_s} \times 100$$

Für die nominale Werte der Drehstrommotoren sind folgende Abweichungen zulässig:
Schlumpf s .....:± 20%
Anzugsstrom .....:± 20%
Anzugsmomet .....:-15 /+25 %
Massentägheitsmoment .....:± 10%
Wirkungsgrad (bis 37 kW).....:-0,15 (1-η)

b- Çalışma Türleri

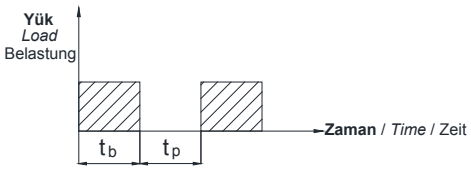
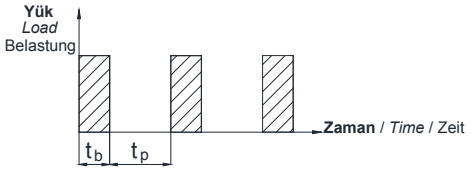
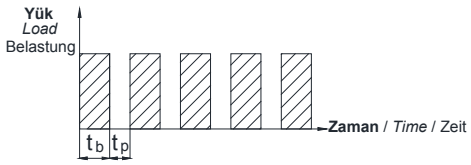
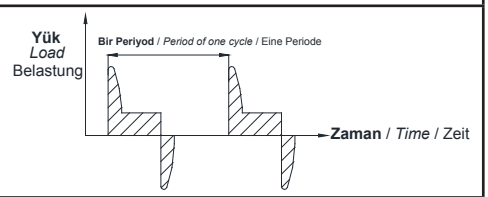
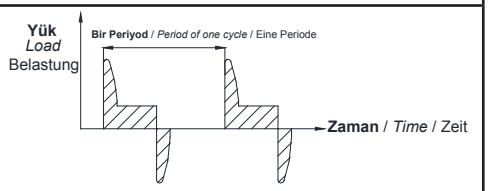
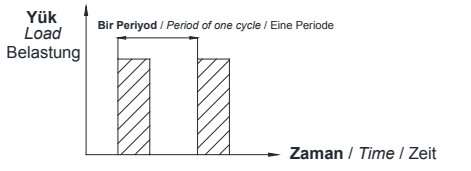
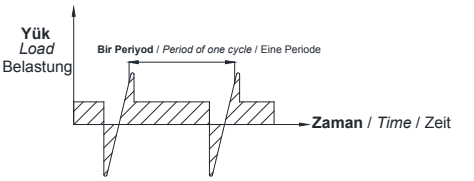
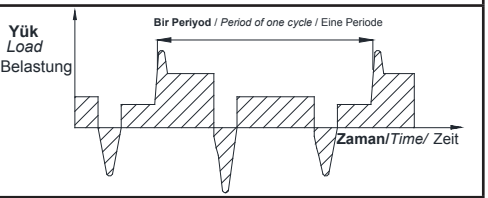
Katalogta verilen tüm redüktörlerin motorları S1 çalışma türüne uygun verilmektedir. Diğer çalışma türleri aşağıdaki tabloda gösterilmiştir.

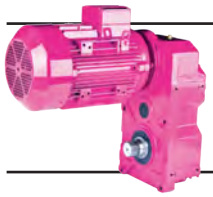
b-Modes of Operation

All motors of the catalogue have been laid out for duty S1 (continuous operation). Other duty types are given on the following table.

b-Betriebsarten

Die im Katalog angeführten Motoren sind für Betriebsart S1 (Dauerbetrieb) ausgelegt. Andere Betriebsarten sind unten angegeben.

Çalışma Türü *Operation* Betriebsarten	**Açıklama** *Explanation* Erläuterung	**Yük Grafiği** *Load Graphic* Lastverläufe
S1	**Sabit yükte sürekli çalışma** *Continuous operation under constant load* Dauerbetrieb mit konstanter Belastung	
S2	**Sabit yükte kısa süreli çalışma** *Short-time duty under constant load* Kurzbetrieb mit konstanter Belastung	
S3	**Yolvermede sıcaklık artımı olmadan periyodik çalışma** *Periodic duty without influence of start-up on temperature* Aussetzbetrieb ohne Einfluss des Anlaufes auf die Temperatur	
S4	**Yolvermede sıcaklık artımı olan periyodik çalışma** *Periodic duty with influence of start up on temperature* Aussetzbetrieb mit Einfluss des Anlaufes auf die Temperatur	
S5	**Yolvermede ve frenlemede sıcaklık artımlı periyodik çalışma** *Periodic duty with influence of startup and braking on temp.* Aussetzbetrieb mit Einfluss des Anlaufes / Bremsung auf die Temp.	
S6	**Sürekli orta darbeli çalışma** *Continuous operation with intermittent loading* Durchlaufbetrieb mit Aussetzungsbelastung	
S7	**Elektriksel frenlemeli sürekli orta darbeli çalışma** *Continuous operation with intermittent loading and breaking* Ununterbrochener Betrieb mit Anlauf und Bremsung	
S8	**Devir ve yük değişimli sürekli çalışma** *Continuous operation duty type with related load-speed changes* Ununterbrochener periodischer Betrieb mit Drehzahländerung	



c- Koruma Sınıfı:
Yılmaz Redüktörde standart olarak IP55 (IEC 34-5) koruma sınıflı motorlar kullanılmaktadır. Diğer koruma sınıfları istendiğinde firmamıza danışınız.

d- İzolasyon Sınıfı:
Yılmaz Redüktörde kullanılan standart izolasyon sınıfı F (IEC 317-8) dir. İstek üzerine H sınıfı yapılabilmektedir.

e- Verim Sınıfları:
Üç fazlı az gerilim asenkron motorların verim sınıfı ölçümü IEC 60034-2-1:2007 normu ile belirlenmiştir. Yeni IE verim sınıfı 0,75 kW'tan 375 kW'a kadar güç aralığında çalışan AC motorlar için geçerlidir. EFF verim sınıfından farklı olarak IE verim sınıfı 6 kutup sayılı motorlar içinde kullanılabilir. Aşağıda verim sınıfları sıralanmıştır. Bölgeler dışında verim sınıfı zorunlulukları ülkelere göre de farklılık gösterebilir. Lütfen firmamıza danışınız. Başka ürünlere entegre olmuş ve bu nedenle motorun veriminin bağımsız belirlenemediği sistemlerde (redüktör pompa gibi) verim sınıflandırması geçerli değildir.

c- Protection Class:
Yilmaz Reduktor uses IP55 (IEC 34-5) protection class electric motors for standard products. If different kind of protection class is requested please contact us.

d- Insulation Class:
Yilmaz Reduktor uses F (IEC 317-8) insulation class electric motors for standard products. H insolation class is available upon request.

e- Efficiency Classes:
The method for measuring the efficiency of low voltage three-phase asynchronous motors was revised with the new IEC 60034-2-1:2007 standard. The new IE classes is valid for AC Motors in power range from 0,75 to 375 kW. Unlike the EFF classes IE classes can be used for 6-pole AC motors. Bellow is the table of efficiency classes. The instructions for efficiency classes can differ from country to country. Please contact with us for more information. For the motors, which are fully integrated into a product (for example gear, pump) so their energy efficiency can not be recognized independently, the requirements of efficiency are not valid in Europe.

c- Schutzarten:
Yilmaz Reduktor Getriebemotoren werden serienmäßig mit Schutzart IP55 (IEC34-5) ausgeführt. Für andere Schutzarten bitte rückfragen.

d- Isolationsklasse:
Yilmaz Reduktor Getriebemotoren werden serienmäßig in Wärmeklasse F (IEC317-8) ausgeführt. H Wärmeklasse ist möglich auf Kundenwunsch.

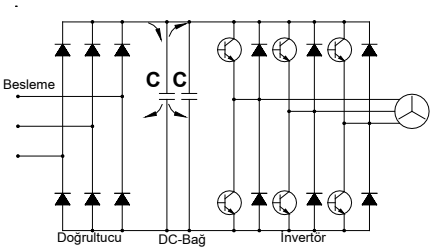
e- Energieeffizienzklassen:
Die Methode für Messung die Effizienz von drei phasigen gering Spannung Asynchronmotoren hat neu mit IEC 60034-2-1:2007 Norm festgestellt. Die neue IE-Klassen gelten für alle Drehstrommotoren im Leistungsbereich von 0,75 bis 375 kW. Anders als EFF-Klassen die IE-Klassen können auch für 6-polige Drehstrommotoren verwendet werden. Unten steht die Tabelle der Effizienzklassen. Die Richtlinien für Effizienzklassen können sich je nach dem Land unterscheiden. Bitte mit unserem Firma Kontakt aufnehmen. Für die Motoren, die vollständig in ein Produkt (zum Beispiel Getriebe, Pumpe) eingebaut sind und deren Energieeffizienz nicht unabhängig von diesem Produkt erfasst werden kann, gelten in Europa die Anforderungen der Effizienzklassen nicht.

Verim Sınıfları *Efficiency Classes* Energieeffizienzklassen			**4 Kutuplu Motor Verim Değeri Hesabı** *Calculating Efficiency Values of Motors with 4 Poles* Berechnung der Wirkungsgrade von Elektromotoren mit 4 Polen	
IE1	EFF 2	**Standart Verim** *Standart Efficiency* Standarte Energieeffizienz	A=0,5234 B=-5,0499 C=17,4180 D=74,3171	$\eta_{Mn} = A \times \left[\log_{10}(P_L)\right] + B \times \left[\log_{10}(P_L)\right]^2 + C \times \log_{10}(P_L) + D$
IE2	EFF 1	**Yüksek Verim** *High Efficiency* Hohe Energieeffizienz	A=0,0278 B=-1,9247 C=10,4395 D=80,9761	P_L :**Anma Yükü [kW]** / *Nominal Load [kW]* / Nennlast [kW]
IE3	-	**Premium Verim** *Premium Efficiency* Premium Energieeffizienz	A=0,0773 B=-1,8951 C=9,2984 D=83,7025	η_{Mn} :**Nominal verim** / *Nominal Efficiency* / Sollwirkungsgrad
IE4	-	**Süper Premium Verim** *Super Premium Efficiency* Super Premium Energieeffizienz	-	

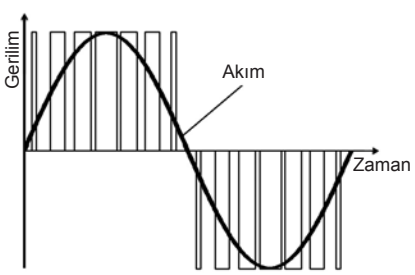
4 Kutuplu Motor Verim Değerleri *Efficiency Values of Motor with 4 poles* Sollwirkungsgrad des Motors mit 4 Polen	**Anma Yükü [kW]** *Nominal Load [kW]* Nennlast [kW]	**Verim Sınıfı** / *Efficiency Class* / Energieeffizienzklasse		
		IE1	IE2	IE3
	0,75	72,1 %	79,6 %	82,5 %
	1,5	77,2 %	82,8 %	85,3 %
	3	81,5 %	85,5 %	87,7 %
	7,5	86 %	88,7 %	90,4 %
	15	88,7 %	90,6 %	92,1 %
	22	89,9 %	91,6 %	93 %
	37	91,2 %	92,7 %	93,9 %
	45	91,7 %	93,1 %	94,2 %
	75	92,7 %	94 %	95 %
	90	93 %	94,2 %	95,2 %
	330	94 %	95,1 %	96 %

f- AC Frekans İnvertörler

Doğru Akımı (DC), alternatif akıma (AC) çeviren elektronik çeviricilere invertör denilmektedir. AC motorlar için elektronik hız kontrol cihazları genellikle AC giriş akımını doğrultucu diyotlarla DC akıma çevirir ve daha sonra çevirici diyotlar vasıtası ile bu akımı tekrar AC akıma çevirir. Doğrultucu diyotlar ile çevirici diyotlar arasındaki bağlantı DC-bağ olarak tanımlanmaktadır. DC kontrol cihazının (genellikle invertör olarak isimlendirilir) elektriksel blok şeması aşağıda verilmiştir.

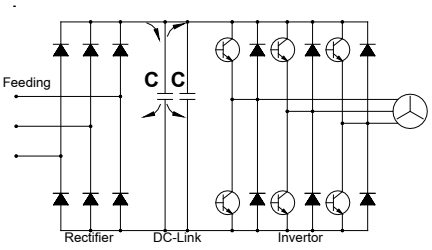


Tam dalga doğrultucuları besleyen üç faz besleme akımı DC-bağ kapasitörlerine iletilir. Kapasitörler voltajdaki dalgalanmaları azaltır ve kısa süreli ağdaki akım kesintilerinde enerji sağlar. Kapasitörlerdeki voltaj kontrolsüzdür ve gelen AC akımın pik akım değerlerine bağlıdır. DC akım tekrar AC akıma, Puls genişliği modulasyonu (PWM) kulanılarak çevrilir. İstenen dalga formu, sabit bir frekansta (Puls frekansında), çıkış transistörlerinin (İzole edilmiş geçit Bipolar transistörleri; IGBT 'ler) açılıp kapatılması ile oluşturulur. IGBT'lerin açma kapama zamanlarının değişimi ile istenen akım oluşturulabilir. Çıkış voltajı bir seri kare dalga pulslardır ve motor sargılarının indüktansı ile sinusodial bir motor akımı oluşur. Puls genişliği modulasyonu aşağıda gösterilmiştir.

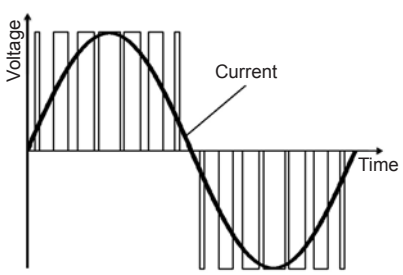


f- AC Frequency Inverters

An electronic converter is a device which converts Direct Current (DC) to Alternating Current (AC) is known as an inverter. Electronic speed controllers for AC motors usually convert the AC supply to DC using a rectifier, and then convert it back to a variable frequency, variable voltage AC supply using an inverter bridge. The connection between the rectifier and inverter is called the DC link. The block diagram of a speed controller (often called an inverter) is shown below.

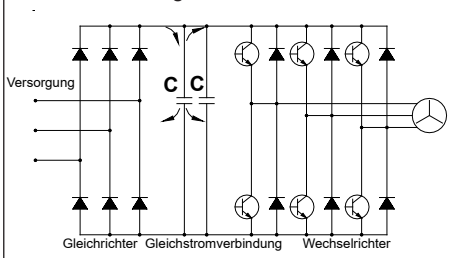


The three phase supply is fed into a full wave rectifier which supplies the DC link capacitors. The capacitors reduce the voltage ripple (especially on single supplies) and supply energy for short mains breaks. The voltage on the capacitors is uncontrolled and depends on the peak AC supply voltage. The DC voltage is converted back to AC using Pulse Width Modulation (PWM). The desired waveform is built up by switching the output transistors (Insulated Gate Bipolar Transistors; IGBTs) on and off at a fixed frequency (the switching frequency). By varying the on and off time of the IGBTs the desired current can be generated. The output voltage is still a series of square wave pulses and the inductance of the motor windings results in a sinusoidal motor current. Pulse Width Modulation is shown in the figure below.

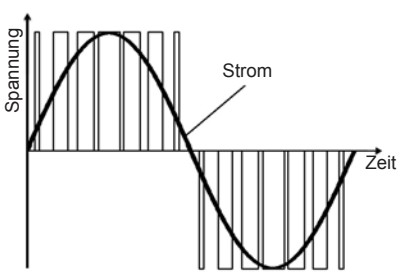


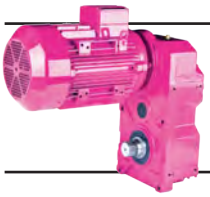
f- AC Frequenz Umrichter

Ein elektronischer Wandler, der den Gleichstrom (DC) in Wechselstrom (AC) umwandelt, wird als Umrichter bezeichnet. Ein Frequenzumrichter benutzt einen ungesteuerten Eingangsgleichrichter, um die Netzspannung in Gleichspannung umzuwandeln. Diese wird dann in den Zwischenkreiskondensatoren gespeichert. An diesem Gleichspannungszwischenkreis ist ein Wechselrichter angeschlossen. Dieser Wechselrichter erzeugt am Ausgang eine variable Frequenz und eine variable Spannung. Der Anschluss zwischen dem Gleichrichter und dem Wechselrichter nennt man Gleichstromverbindung. Das Blockschaltbild von diesem System wurde unten dargestellt:



Auch bei dreiphasiger Versorgung wird die gleichrichtete Netzspannung den Zwischenkreiskondensatoren zugeführt. Die Kondensatoren reduzieren die Oberwelligkeit der Spannung (was besonders bei einphasiger Versorgung entscheidend ist) und liefern Energie, die kurze Unterbrechungen der Netzstromversorgung ermöglicht. Die Spannung der Kondensatoren ist vom Spitzenwert der Wechselspannung abhängig. Die Gleichspannung wird im Wechselrichter durch Pulsweitenmodulation (PWM) in Wechselspannung umgewandelt. Die gewünschte Wellenform wird durch Ein- und Ausschalten der Ausgangstransistoren (IGBT's Isolierte Gate Bipolar Transistoren) mit einer festen Frequenz (der Pulsfrequenz) erzeugt. Der gewünschte Strom kann durch die Variation der Ein- und Ausschaltzeit der Ausgangstransistoren generiert werden. Die Ausgangsspannung ist dadurch eine Reihe von Spannungsimpulsen, die in Verbindung mit der Induktivität der Motorspulen zu einem sinusförmigen Motorstrom führt. Die Pulsweitenmodulation wird wie folgt dargestellt





DC MOTORLAR

a- Genel Özellikler

DC motorlar, elektronik parçalardaki gelişmeler nedeni ile yeni uygulama alanları bulmuştur. Daha önce çok pahalı olan ve ekonomik olmayan kontrol sistemlerinin yerini ucuz ve kompakt güç kontrol üniteleri almıştır. Yol vermenin kontrol altına alınabildiği, tork ve akım izlenebilirliği, aşırı yüklenmeye karşı elektronik koruma sağlanabilmesi ve daha birçok pahalı olmayan uygulamalar DC motorlarını cazip kılmaya başlamıştır.

b- DC Motorların Çalışma İlkeleri

DC motorlar için DC çıkış veren bir doğrultucuya ihtiyaç vardır. Motor armatür sargıları, alan sargıları,komutasyon sargıları ve kompanse sargılar olmak üzere rotorda ve statorda bulunan sargılardan oluşur. Rotora voltaj ve akım karbon fırçalar ve komutator sargılarla ulaştırılır. Bu karbon fırçalar aşındığından DC motorlar belirli periyotlarla bakıma alınmalıdır. İyi kontrol edilebilme özelliklerinden dolayı DC motorlar otomasyon teknolojisinde sıkça kullanılmaktadır.

c- DC Motor Çeşitleri

Temel olarak Şönt (Shunt) ve seri sargılı DC motorlar bulunmaktadır. Bu sargıların çeşidine göre moment eğrisi değişmektedir.

d- DC Motorlarda Hız Kontrolü

Bu motorlarda devir değişimi DC voltajın değiştirilmesi ile yapılır. Şönt sarımlı DC motorların sıfır yük ile maximum yük arasındaki davranışı AC motorlara benzer. Devir artan yükle beraber düşer. Bu devir farkı ufak güçlü motorlarda büyük, büyük güçlü motorlarda ise ufaktır. Fakat bu hız farkı DC doğrultucu cihazda armatür voltajı (I x R) ile oynanarak kompanse edilebilir. Hassas hız kontrol gereksinimi olduğunda, tako jeneratörler kullanılabilir. DC motorların gücü aşağıdaki formülden hesaplanır;

$$P_g = U \times I = \frac{P_c}{\eta}$$

P_g : Giriş gücü W
P_C : Çıkış gücü W
U : Armatür gerilimi V
I : Armatür akımı A
η : Motor verimi

DC MOTORS

a- General Specifications of DC Motors

DC drive systems have found new possible applications with the development of the electronic components sector. What was previously extremely expensive and in some cases not economically feasible is nowadays realized by miniaturized power converter technology. Additional functions such as guided startup after a predetermined time, torque and current monitoring with electronic protection against overloading, and many inexpensive special applications have made DC drive systems more attractive.

b- Operating principles of the DC Motors

The DC motor requires, a converter with DC output. The motor includes windings, such as armature, field, commutation and compensation windings, which are arranged in the stator as well as on rotor. Voltage and current are supplied to the rotor via the carbon brushes and the commutator. The carbon brushes are wearing parts therefore a DC motor requires maintenance at service intervals. While its good control properties, the DC motor is an essential item in automation technology.

c- Types of DC Motors

Depending on the wiring of the exciting winding or field winding, two basically different variants are regards torque speed characteristics may be distinguished.

d- Speed Control of DC motors

In DC motors the speed is adjusted by altering the DC voltage. DC shunt wounded motors behave similar to three phase induction motors between no load operation and maximum load. The speed drops with increasing loading of the motor. This difference is greater in small motors and smaller in larger motors. The speed difference can compensated in the DC converter device by adjusting (I x R). If great control accuracy is required, a speed control with measurement of the actual values by a tachogenerator can be used. The power of DC motor;

$$P_g = U \times I = \frac{P_c}{\eta}$$

P_g *: Input Power W*
P_C *: Output Power W*
U : Armature Voltage V
I : Armature Current A
η : Motor efficiency

DC MOTOREN

a- Eigenschaften von DC Motoren

Mit den Entwicklungen bei elektronischen Komponenten haben DC Motoren neue Anwendungsbereiche gefunden. Regelungssysteme, die früher sehr teuer und im manchen Anwendungsfällen ungünstig waren, sind jetzt kompakt und günstig. Bei den DC Motoren ist kontrolliertes Anlauf, Moment- und Stromüberwachung mit Überlastschutz möglich. Es gibt viele günstige Sonderanwendungen für diese Motoren. Wegen oben genannten Eigenschaften werden die DC Motoren immer mehr bei unterschiedlichen Anwendungen benutzt.

b- Funktionsprinzip der DC Motoren

Bei DC Motoren ist eine Kommutatorwicklung im Rotor angeordnet, während der magnetische Fluss vom Stator erzeugt wird. Dies kann wiederum mittels einer Erregerwicklung oder durch Permanentmagnete geschehen. Wie bei der Synchronmaschine wird durch das Erregerfeld in der Ankerwicklung eine Wechselspannung, die bei der Gleichstrommaschine jedoch durch den mechanischen Kommutator und die darauf schleifenden Bürsten in eine Gleichspannung umgeformt wird, induziert.

c- Arten von DC Motoren

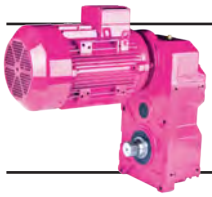
Es gibt zwei verschiedene Wicklungen, nämlich Shunt- und Serial-Wicklung. Das Drehmoment-Drehzahl-Verhältnis ist für beide Wicklungen unterschiedlich.

d- Drehzahl Kontrolle für DC Motoren

Drehzahl von DC Motoren kann man mit Steuerung der DC Spannung ändern. DC Motoren mit Shunt Wicklungen ist ähnlich zu drei phasen AC Motoren zwischen maximalen Last und ohne Last. Drehzahl wird mit der Last reduziert. Mit kleineren Motoren wird dieser Differenz höher mit großeren Motoren kleiner. Der Drehzahlunterschied kann geregelt werden mit (IxR) Veränderung. Wenn eine genaue Kontrolle gebraucht, soll ein Tachogenerator benutzt werden. Leistung des DC Motors;

$$P_g = U \times I = \frac{P_c}{\eta}$$

P_g : Eingangsleistung W
P_C : Ausgangsleistung W
U : Ankerspannung V
I : Ankerstrom A
η : Wirkungsgrad des Motors



Elektromanyetik Frenler

Bu tip frenlerin iki sürtünme yüzeyi vardır. Fren torku, voltaj uygulanmadığı zaman yayların kuvveti ile oluşturulur. Fren elektromanyetik alanın oluşumu ile serbest kalır. Bobinin beslenmesi ile mıknatıslanan balata baskı pulu, elektromıknatısa doğru çekilir. Bu hareket yayları baskı altına alır ve rotor mili üzerine takılan çoklu kama üzerinde aksiyal yönde serbest hareket edebilen balata serbest kalır. Akım kesildiğinde yayların baskısıyla, balata baskı pulu fren balatasına doğru itilir ve bu hareket rotoru frenler.

Fren Çeşitleri
a) Soğutmasız tip frenler
Motor fanı çıkarılıp motor kapağı arkasına akuple edilerek kullanılan frenler; genellikle sıkça açılıp kapanmayan ve kısa zaman aralıklarında çalışan sistemlerde tercih edilir.

b) Soğutmalı tip frenler
Motor fanı çıkarılıp motor kapağı arkasına akuple edilen ve motorun mili uzatılarak fren ve motorun arkasına alınan fan sayesinde daimi bir hava sirkülasyonu sağlanarak kullanılan frenlerdir. Genellikle uzun süreli çalışan ve kapalı mekanlarda kullanılan sistemlerde tercih edilirler.
c) Manuel kol sistemli frenler
Çalışma sistemi olarak her iki fren tipinde de kullanılabilir (soğutmalı veya soğutmasız). Özel durumlarda (elektrik kesilmesi; mekanik problemler) üzerinde bulunan bir kol vasıtası ile sistemi yay baskısından kurtararak serbest kalmasını sağlayan frenlerdir. Genellikle manuel olarak sistemin açılması gereken yerlerde (otomatik giriş kapıları, dış cepe boyama asansörleri v.b.) tercih edilir.

Fren çalışma voltajları
Elektromanyetik frenler 230V AC veya 400V AC beslemeli olarak sipariş edilebilir. Frenler DC fren olmaları nedeni ile besleme ile fren bobini arasında fren tipine bağlı olarak, yarım dalga, tam dalga doğrultucular veya trafolar kullanılır. Özel olarak belirtilmedikçe 230V beslemeli ve yarım dalga doğrultuculu frenler kullanılmaktadır. Özel durumlar için YILMAZ Redüktöre danışınız.

a) 230V AC ile beslenen frenler
Motor klemens kutusundan alınan 230V'luk AC besleme fren tipine bağlı olarak yarım dalga veya tam dalga doğrultucu ile fren bobininin voltajına düşürülür. Fren bobin DC voltajı etiketi üzerinde belirtilmiştir.
b) 400V AC ile beslenen DC frenler
Motor klemens kutusundan alınan 400V'luk AC besleme, yarım dalga doğrultucu ile fren bobininin voltajına düşürülür. Fren bobininin DC voltajı etiket üzerinde belirtilmiştir.
c) 24V DC Frenler
Kullanılan fren momentinin büyüklüğüne göre besleme transformatörü seçilir. Şebekeden veya motorun klemens kutusundan alınan besleme voltajı transformatörde 29 V'a çevrilen gerilim tam dalga doğrultuculardan geçerek 24V DC'ye çevrilir ve fren bobini beslenir.

Electromagnetic Brakes

This type of brakes has two friction surfaces. Brake torque is generated by springs when no voltage is applied. The brake is electromagnetically re[illegible]ctromagnet means [illegible]re plate is pulled [illegible]self, thrust loading[illegible]nabling the friction disc which is axially movable on the key, to turn freely. When current fails, the pressured springs drive the armature plate towards the disc, thus braking the motor shaft.

Brake Types
a) Brakes without cooling
This type of brakes are assembled on the back cover of the electric motor. There is no fan on the backside. This brake type is mostly preferred in short working times and short working cycles.
b) Fan cooled brakes
This type of brakes are assembled on the back cover of electric motor by removing the electric motor fan. A fan is coupled to the backside of the brake by extending the rotor shaft of the electric motor. Fan cooled brakes are preferred in long working times and closed places without airflow.
c) Brakes with hand release
This brakes can be released by help of an arm. It can be applied to both of the above mentioned brakes and used in special cases (fail of electric current, mechanical problems etc.)These brakes are mostly preferred if operation (releasing) without a current is needed (automatic controlled doors, gates, building wall painting elevators etc.).

Working Voltages
Electromagnetic brakes can be ordered with 230V AC or 400V AC supply voltage. The coil of brakes needs DC voltage and therefore depending on brake type a half wave, a full wave rectifier or transformer should be used between supply and coil voltage. As standard the brakes will be delivered with 230V supply voltage and half wave rectifier, if there is no special request. For special cases please contact YILMAZ Reduktor.
a) Brakes with 230V supply voltage
230V AC supply voltage from the motor terminal box will be reduced to the coil voltage depending on the brake type with half-wave or full-wave rectifier. DC brake coil voltage is indicated on the label.
b) Brakes with 400V supply voltage
400V AC supply voltage from the motor terminal box will be reduced to the coil voltage with half-wave rectifier. DC brake coil voltage indicated on the label.
c) 24V DC Brakes
The transformator's size is selected according to value of brake torque. The current is taken from the electric motor terminal box or from the electric panel and is transformed to 29V DC current. This current is transferred to 24V DC current with full-wave rectifier and supplies brake coil.

Elektromagnetische Bremsen

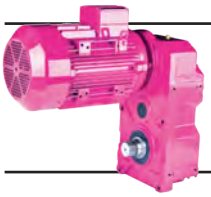
Die Bremse hat zwei Reibflächen und arbeitet nach dem Ruhestromprinzip. Im stromlosen Zustand wird das Bremsmoment durch den Druck der Feder erzeugt, während die Bremse beim Betrieb elektromagnetisch losgelassen wird. Durch die Erregung der Elektromagneten wird die Ankerscheibe zu den Elektromagneten gezogen und die Feder zusammengedrückt. Dadurch kann sich die Bremsscheibe, die axial beweglich auf dem Mitnehmer angeordnet ist, frei drehen. Wird der Strom unterbrochen, drücken die Feder die Ankerscheibe gegen die Bremsscheibe und halten die Motorwelle an.

Bremsearten:
a)Bremsen ohne Kühlung
Diese Bremsen sind für Kurzlaufzeiten geeignet. Die Lüfterhaube und Lüfter des Motors ist ausgebaut und die Bremse ist an dem Ende der Motorwelle befestigt.

b)Bremsen mit Kühlung
Diese Bremsen sind für lange Laufzeiten und kleine, abgedeckte Räume geeignet. Durch die Verlängerung der Motorwelle wurde Lüfter hinter dem Bremse und dem Motor verbunden. Somit wurde eine konstante Lüftung ermöglicht.

c)Bremsen mit Hebelarm
Diese Bremsenart kann mit oder ohne Kühlung verwendet werden. Diese Bremsen sind bei der speziellen Fälle, wie keine Spannung an der Leitung, mechanische Probleme usw. , anwendbar. Die Bremse wird mit einem Hebelarm manuell betätigt. Diese Bremsen werden am meisten an den Stellen, wo die Lüftung ohne Spannung erfolgen soll, benutzt (automatische Türe, Wandaufzüge).

Betriebsspannungen
Elektromagnetische Bremsen können mit 230V AC oder 400V AC Versorgungsspannung bestellt werden. Die Wicklungen der Bremsen brauchen Gleichspannung und deswegen abhängig von Bremsenart zwischen Versorgungsspannung und Wicklungsspannung soll Halbwellen-, Vollweggleichrichter oder Transformator verwendet werden. Als Standard die Bremsen werden mit 230V Versorgungsspannung und Halbwellengleichrichter geliefert.
a) Bremsen mit 230V Versorgungsspannung
230V AC Versorgungsspannung von Klemmenkasten wird auf die Wicklungsspannung abhängig von der Bremsentyp mit Halbwellen-oder Vollweggleichrichter reduziert. Wicklungsspannung ist auf dem Etikett angegeben.
b) Bremsen mit 400V Versorgungsspannung
400V AC Versorgungsspannung von Klemmenkasten wird auf die Wicklungsspannung mit Halbwellengleichrichter reduziert. Wicklungsspannung ist auf dem Etikett angegeben.
c) 24 V DC Bremsen
Die Spannung wird von den Klemmkasten des Motors oder Elektrikschrank entnommen. Diese Spannung wird zuerst mittels Transformator zu 24 V reduziert. Danach wird diese Spannung mit Hilfe von Gleichrichter zu Gleichstromspannung umgewandelt. Die Größe des Transformators ist abhängig von der Größe des Bremsmoments.



d) Şok ikazlı trafolar
Büyük güçteki ve momentteki frenlerin manyetik doyuma ulaşmaları uzun zaman alır. Şok ikazlı trafolar frenin yay baskısını yenmede gecikmesini engellemek için kullanılır ve zaman rölesi yardımı ile çok kısa bir süre normal besleme voltajının iki katı ile (48V DC) beslenip sistemin ani açılmasını sağlar. Bu sayede gecikmeli açılmada ortaya çıkacak sürtünmeyi engellemeye yarayan bir trafo şeklidir.

Fren bağlantı şekli
a) Gecikmeli frenleme
Genellikle sistemin yavaş ve kaydırılarak durması gereken yerlerde tercih edilen bağlantı şeklidir. Vinç yürütme motorlarındaki sarsıntıyı önlemek için gecikmeli bağlantı şekli kullanılır. Frenler fabrika çıkışında gecikmeli bağlantıya uygun ayarlanır.

b) Ani frenleme
Genellikle sistemin enerjisi kesildiği anda ani olarak durdurulması gereken sistemlerde kullanılan bağlantı şeklidir. Vinç kaldırma sistemleri, asansör motorlarında kullanılan bağlantı şeklidir.

d) Shock voltage supply transformer
Brakes which consist of high power and torques take long time to get in electromagnetic field. Shock voltage supply transformers with time relay are aiming to overcome spring pressure delaying for brakes .Also this transformers provide to open system suddenly by feeding double(48V DC) voltage in a short time and preventing to frictional loses occurring in delayed opening.

Connection Types
a) Delayed Braking
Generally this type of connection uses in slow and sliding brake intended systems. Delayed connection type using to prevent shock loadings in crane driving systems. Brakes are setting up to delayed connection if any other types are not specified by customer

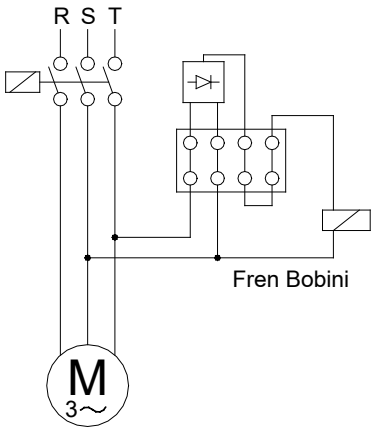
b) Sudden Braking
This type of connections are mostly used in systems when short braking times are needed. The braking torque will be produced as soon as the current fails. These brakes are mostly used in hoisting of lifting units and elevators.

d) Trafos mit Schock-Spannung
Diese Transformatoren werden bei großen Bremsen mit hohen Momenten verwendet. Da die große Bremsen eine lange Zeit braucht, um die erforderliche magnetische Feld zu erzeugen, wird an der Bremse kurz 48V Gleichstromspannung angelegt, um die Zeit zur Bildung von magnetischem Feld zu kürzen. Dies ermöglicht kürzere Reibungszeiten beim Start.

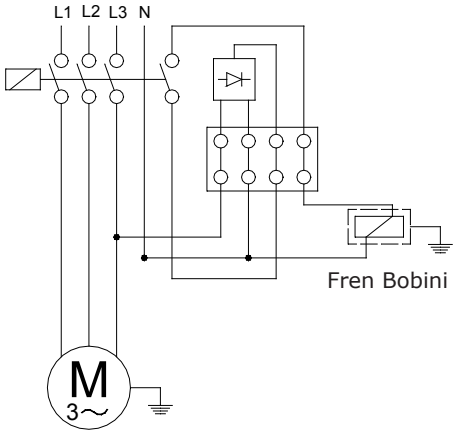
Schaltungsarten:
a)Verspätetes Bremsen
Diese Schaltung wird benutzt, wenn ein langsames und gleitendes Bremsen erforderlich ist. Am meisten wird es bei Fahrgetriebemotoren von Aufzügen verwendet. Wenn keine Angabe bei der Bestellung gegeben wird, werden die Bremsen mit verspäteter Schaltung geliefert.

b)Schnelles Bremsen:
Allgemein verwendet man diese Schaltung bei Bedarf an plötzlichen Bremsen in dem Augenblick, in dem das System keine Energie mehr erhält. Diese Schaltungsart wird meist bei Kräne und Motoren von Aufzüge verwendet.

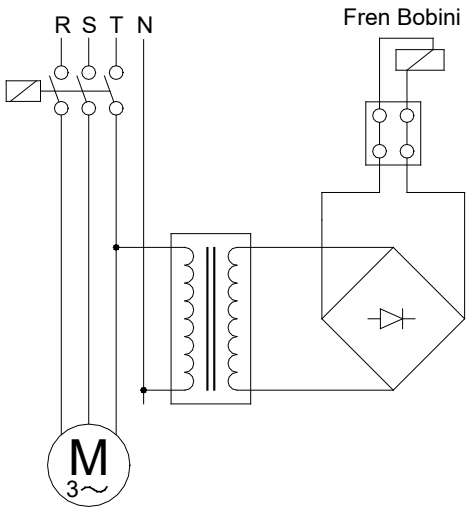
Gecikmeli Frenleme / *Delayed Running Brake* / Verspätete Bremsung
(230 V)



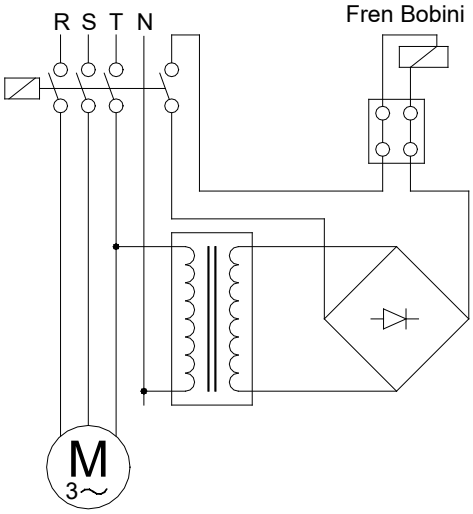
Ani Frenleme / *Sudden Brake* / Plötzliche Bremsung
(230 V)

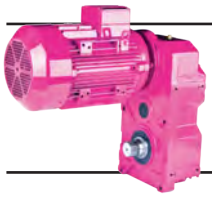


Gecikmeli Frenleme / *Delayed Running Brake* / Verspätete Bremsung
(24 V)



Ani Frenleme / *Sudden Brake* / Plötzliche Bremsung
(24 V)





Genel Bilgiler
General Information
Einführung

Fren Seçimi:

Doğru bir fren seçimi için aşağıdaki parametreler bilinmelidir.

- **I_{tot} [kg.m]** : Motor miline indirgenmiş toplam atalet momenti
- **n_0 [d/dak]** :Maksimum motor devir sayısı
- **t_f [s]** :İstenilen en uzun frenlemezamanı
- **c_t** :Anahtarın devreye girme zamanı katsayısı (ortalama 0,995).
- **M_L [Nm]** : Sistemin statik tork ihtiyacı.
- **C_S** : Emniyet katsayısı (C_S≥2 olmalı)

Gerekli fren momenti aşağıdaki şekilde hesaplanır:

a)M_L Statik yük torku, motor dönüş yönünde (motorun dönüşüne yardımcı olarak, yükün indirilmesi veya hızlandırıcı sabit yük momenti hali):

$$M_{fc} = \frac{(2\pi \times n_0 \div 60) \times I_{tot}}{t_f \times c_t} + M_L$$

b) M_L Statik yük torku, motor aksi dönüş yönünde (motorun dönüşüne engel olarak, yükün yukarı kaldırılması veya frenleyici sabit yük/direnç momenti hali):

$$M_{fc} = \frac{(2\pi \times n_0 \div 60) \times I_{tot}}{t_f \times c_t} - M_L$$

Yukarıda bulunan sonuç C_S katsayısı ile çarpılarak ($C_S \geq 2$), fren momenti seçilir;

$$M_f = M_{fc} \times C_s$$

Yaklaşım Yolu ile Fren Seçimi:
Eğer yalnızca motorun gücü ve en yüksek devri biliniyor ise :

W [Watt]: Motorun nominal gücü

$$M_f = \frac{W}{(\frac{2\pi \times n_0}{60})} \times C_s \quad (C_s \geq 2)$$

Brake Selection:

To select a brake correctly the following data are necessary;

- ***I_{tot} [kg . m]*** *: The total inertia of rotating parts reduced at the motor shaft*
- ***n_0 [rpm]*** *: Maximum motor speed.*
- ***t_f [s]*** *: The maximum admitted time of the braking.*
- ***c_t*** *: Coefficient of switch on time (average 0,995).*
- ***M_L [Nm]*** *: Required static torque of system.*
- ***C_S*** *: Safety coefficient ($C_S \geq 2$)*

The necessary braking torque calculates below;

a) The static load torque M_L ,same direction of motor rotation(Descent of a load or steady resisting torque which favours the rotation of the motor)

$$M_{fc} = \frac{(2\pi \times n_0 \div 60) \times I_{tot}}{t_f \times c_t} + M_L$$

b)The static load torque M_L ,opposes the rotation of the motor (Lifting of a load or steady resisting torque which opposes the rotation of the motor)

$$M_{fc} = \frac{(2\pi \times n_0 \div 60) \times I_{tot}}{t_f \times c_t} - M_L$$

The necessary braking torque will result from the following equation using C_S ($C_S \geq 2$);

$$M_f = M_{fc} \times C_s$$

Approximated Brake Selection
Its only the motor power and its maximum speed are known:

W [Watt]: Motor Nominal Power

$$M_f = \frac{W}{(\frac{2\pi \times n_0}{60})} \times C_s \quad (C_s \geq 2)$$

Bremswahl:

Um die richtige Bremse auszuwählen, braucht man unten aufgelistete Variablen;

- **I_{tot} [kg . m]** :Die Gesamtträgheit der rotierenden Teile(siehe Anwendungsbeispiele)
- **n_0 [U/min]** : Die höchste Drehzahl desMotors
- **t_f [s]** :Die längste zulässige Bremszeit
- **c_t** : Reduktionskoeffizient der Tätigkeitszeit (gemittelt 0,995).
- **M_L [Nm]** : Vom system benötigtes, statisches drehmoment.
- **C_S** : Sicherheitskoeffizient ($C_S \geq 2$)

Die benötigte Bremskraft wird wie folgt berechnet:

a) konstantes Belastungsmoment M_L, das die Motordrehung fördert (konstante Erhöhung der Motorgeschwindigkeit oder Herunterlassen der Last)

$$M_{fc} = \frac{(2\pi \times n_0 \div 60) \times I_{tot}}{t_f \times c_t} + M_L$$

b) konstantes Belastungsmoment M_L, das sich entgegen der Motordrehung widersetzt (konstante Verminderung der Motorgeschwindigkeit oder Aufheben der Last)

$$M_{fc} = \frac{(2\pi \times n_0 \div 60) \times I_{tot}}{t_f \times c_t} - M_L$$

Wenn die Bremskraft mit dem Sicherheitskoeffizient C_S ($C_S \geq 2$) multipliziert wird, erhält man die erforderliche Bremskraft;

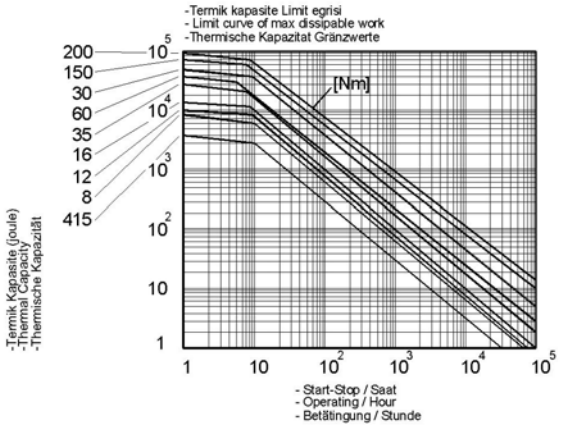
$$M_f = M_{fc} \times C_s$$

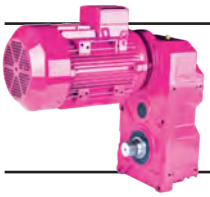
Abschätzung zur Bremswahl
Wenn man nur die Motorleistung und die höchste Drehzahl kennt, kann die Bremskraft mit der folgenden Formel annähernd berechnet werden:
W [Watt] : Nennleistung des Motors

$$M_f = \frac{W}{(\frac{2\pi \times n_0}{60})} \times C_s \quad (C_s \geq 2)$$

Standart Frenler / *Standard Brakes* / Standart Bremsen

Fren statik momenti [Nm] *Brake Static Torque [Nm]* Statische Bremskraft [Nm]	4,5	8	12	16	35	60	80	150	200
Fren Dinamik Momenti [Nm] *Brake Dynamic Torque [Nm]* Dynamische Bremskraft [Nm]	3,6	6,4	9,6	12,8	28	48	64	120	160
Maksimum Motor Hızı [d/dak] *Maximum Motor Speed [rpm]* Maximale Motordrehzahl [U/min]	3000	3000	3000	3000	3000	3000	3000	1500	1500
Giriş Gücü [W] *Input Power [W]* Antriebsleistung [W]	15	20	25	30	45	50	55	60	65





Frenin Termik Kapasitesi

Yukarıdaki seçime ek olarak frenin termik kapasitesinin kontrol edilmesi gerekir. L (joule) olarak gerekli soğutma işi aşağıdaki formüller ile hesaplanır ve ''Termik kapasite limit eğrisi'' kullanılarak eğrinin altında kalıp kalmadığı kontrol edilir.

a) M Statik yük torku motor dönüş yönünde (motorun dönüşüne yardımcı olarak, yükün indirilmesi hali)

$$L = \frac{I_{tot} \times (2\pi \times n_0 \div 60)^2}{2} \times \left(\frac{M_f}{M_f - M_L}\right)$$

b) M Statik yük torku motor aksi dönüş yönünde (motorun dönüşüne engel olarak, yükün kaldırılması hali):

$$L = \frac{I_{tot} \times (2\pi \times n_0 \div 60)^2}{2} \times \frac{M_f}{M_f + M_L}$$

c) M Statik yük torku sabit, motor yönünde veya aksi yönde (kaldırma ve indirme harici hızlandırıcı veya frenleyici sabit bir yük momenti hali).

$$L = \frac{I_{tot} \times (2\pi \times n_0 \div 60)^2}{2}$$

Fren Hava Boşluğunun Ayarı:

Frenden sürekli aynı performansın alınabilmesi için, fren balatasının aşınmasına bağlı olarak, fren hava boşluğu belirli zaman aralıklarında yeniden ayarlanmalıdır. Fren hava boşluğu ayar zaman aralığı ve ayarın yapılması için firmamıza danışınız.

Fren Seçim Örneği:
İstenilen en uzun frenleme zamanı: 0,5 sn.
Motor devri: 1400 d/dak
Motora indirgenmiş toplam atalet momenti: 0,08 kgm

Gerekli çalışma momenti: 50 Nm
Yük Durumu: Yük motor dönüş yönü ile aynı (Vinçten yük indirmesi: Saatte dur-kalk sayısı:30

$$M_{fc} = \frac{(2\pi \times 1400 \div 60)}{0,5 \times 0,995} + 50 = 73,6\ Nm$$

$$M_f = 73,6 \times 2 = 147,2\ Nm$$

Standart frenler tablosundan 150 Nm lik fren seçilebilir.
Gerekli termik kapasite;

$$L = \frac{0,08 \times (2\pi \times 1400 \div 60)^2}{2} \times \left(\frac{147,2}{147,2 - 50}\right)$$

=1302,0<18000 Joule (150 Nm eğrisinden)
150 Nm lik fren uygun görülüyor.

The Thermal Capacity of Brake

The thermal capacity of the brake must also be checked after the above mentioned calculations heat dissipation energy L (joule) can be calculated from the following equation and must be checked if the result is under the limit curve shown on ''Limit curve of may dissipated work''.

a) The static load torgue M ,favours the rotation of the motor (Descent of a load which favours the rotation of the motor)

$$L = \frac{I_{tot} \times (2\pi \times n_0 \div 60)^2}{2} \times \left(\frac{M_f}{M_f - M_L}\right)$$

b) The static load torgue M ,opposes the rotation of the motor (Lifting of a load which opposes the rotation of the motor)

$$L = \frac{I_{tot} \times (2\pi \times n_0 \div 60)^2}{2} \times \frac{M_f}{M_f + M_L}$$

c) The static load torgue M ,is constant and opposes or favours the rotation of the motor (except lifting of a load)

$$L = \frac{I_{tot} \times (2\pi \times n_0 \div 60)^2}{2}$$

Adjustment of the air-gap:

In order to obtain the same performance from the brake during its lifetime,the air-gap of the brake must be re-adjusted after a limited time of operation For the air-gap and the time interval of the adjustment please contact us.

Selection Example:
The maximum admitted time for braking 0,5 s
Motor speed: 1400 rpm
Total inertia reduced at motor shaft: 0,08 kgm²

Required operating torque:50 Nm
Nature of load: Load direction is same as motor direction(Unloading process: Start-stop time per hour :30)

$$M_{fc} = \frac{(2\pi \times 1400 \div 60)}{0,5 \times 0,995} + 50 = 73,6\ Nm$$

$$M_f = 73,6 \times 2 = 147,2\ Nm$$

From the brake selection table a standard brake of 150 Nm is selected.
Necessary thermal capacity

$$L = \frac{0,08 \times (2\pi \times 1400 \div 60)^2}{2} \times \left(\frac{147,2}{147,2 - 50}\right)$$

=1302,0<18000 Joule (from 150 Nm curve)
The selected brake with 150 Nm is suitable.

Thermische Kapazität der Bremsen

Nach den oben genannten Berechnungen muss die thermische Kapazität überprüft werden. Die Wärme, d.h. die gebrauchte Energie L, werden mit den folgenden Formeln berechnet. Die gerechnete Werte von Kapazitäten sollen unter dem Grenzkurve ''Thermische Kapazität Grenzwerte'' der gewählten Bremse liegen.

a) Konstantes Belastungsmoment M, das die Motordrehung fördert (Herunterlassen der Last)

$$L = \frac{I_{tot} \times (2\pi \times n_0 \div 60)^2}{2} \times \left(\frac{M_f}{M_f - M_L}\right)$$

b) Konstantes Belastungsmoment M , das sich entgegen der Motordrehung widersetzt (Aufheben der Last)

$$L = \frac{I_{tot} \times (2\pi \times n_0 \div 60)^2}{2} \times \frac{M_f}{M_f + M_L}$$

c) Konstantes Belastungsmoment M , das sich gegen der Motorbewegung widersetzt oder die Motorrotation fördert (Konstante Verminderung oder Erhöhung der Motorgeschwindigkeit, kein Herunterlassen oder Aufheben der Last)

$$L = \frac{I_{tot} \times (2\pi \times n_0 \div 60)^2}{2}$$

Einstellung des Luftspaltes:

Um eine immer konstant bleibende Bremsfähigkeit zu erhalten, muss das Luftspalt nach einer bestimmten Arbeitszeit neu eingestellt werden. Für die Bestimmung des Luftspaltes und die Einstellzeiten bitten wir Sie um Rückfrage.

Beispiel für eine Auswahl:
Die höchste zulässige Bremszeit: 0,5 s
Motordrehzahl: 1400 U/min
Gesamtträgheit der rotierenden Teile: 0,08 kgm²
Das auf das System wirkende Drehmoment: 50 Nm
Belastungsart: Drehmoment, das die Motor-rotation fördert (Herunterlassen der Last)
Betätigungen pro Stunde:30

$$M_{fc} = \frac{(2\pi \times 1400 \div 60)}{0,5 \times 0,995} + 50 = 73,6\ Nm$$

$$M_f = 73,6 \times 2 = 147,2\ Nm$$

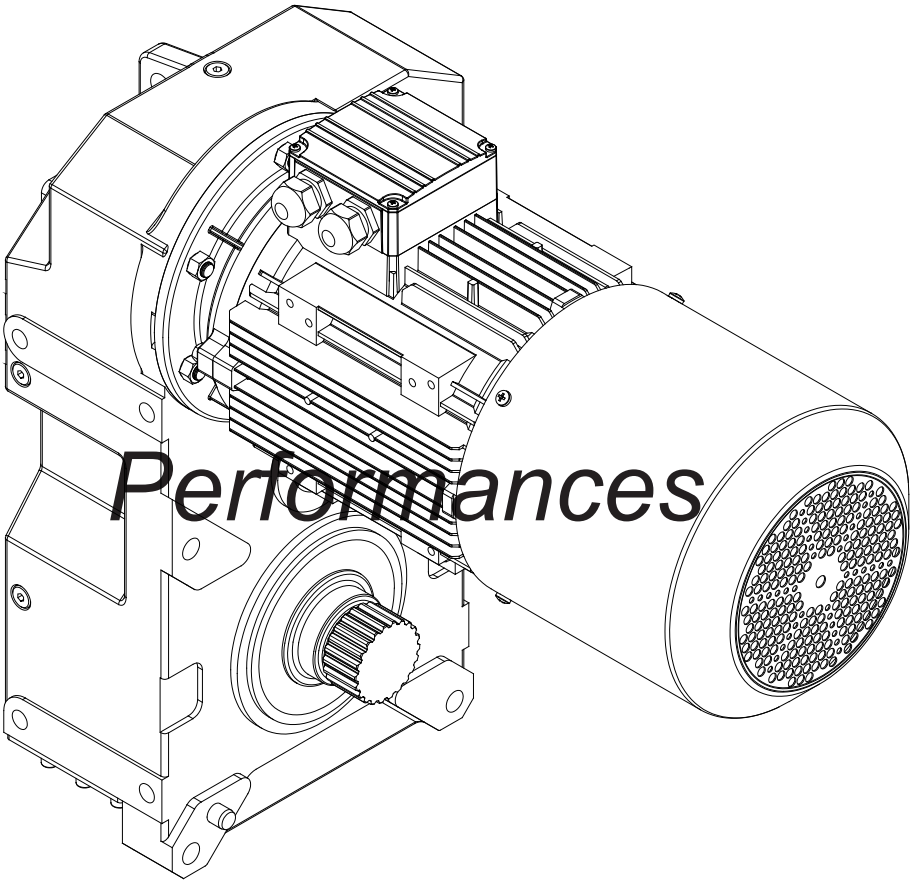
Eine Bremse von 150 Nm kann man auswählen.

Die thermische Kapazität;

$$L = \frac{0,08 \times (2\pi \times 1400 \div 60)^2}{2} \times \left(\frac{147,2}{147,2 - 50}\right)$$

=1302,0<18000 Joule (von 150 Nm Kurve) Die ausgewählte 150 Nm Bremse ist ausreichend.

Güç Devir Tabloları



Performances

Leistungs- und Drehzahlübersicht

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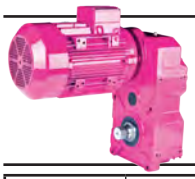
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø100	3,3	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-3E71M/4D**	25116	35	368
	3,7	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-3E71M/4D**	24222	35	
	4,0	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-3E71M/4D**	23807	35	
	4,7	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-3E80M/4C**	22283	38	
	5,5	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-3E80M/4C**	21474	38	
	6,2	**M8 (5m)**	0,55	20	245	**73,03**	**VR273.1K-3E80M/4C**	20726	38	
	7,5	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	9,0	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	10,8	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	12,5	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	15,0	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	17,9	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14399	55	
Ø110	3,6	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-3E71M/4D**	25116	35	368
	4,1	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-3E71M/4D**	24222	35	
	4,4	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	23296	38	
	5,2	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-3E80M/4C**	22283	38	
	6,0	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-3E80M/4C**	21474	38	
	6,9	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	8,3	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	9,9	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	11,9	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	13,8	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	16,5	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	19,7	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14399	55	
Ø120	3,9	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-3E71M/4D**	25116	35	368
	4,5	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	23678	38	
	4,8	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	23296	38	
	5,7	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-3E80M/4C**	22283	38	
	6,5	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21056	40	
	7,5	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	9,0	**M8 (5m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	18852	45	
	10,8	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	12,9	**M8 (5m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	16828	49	
	15,0	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	18,0	**M8 (5m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	14986	55	
	21,5	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14399	55	
Ø130	4,2	**M8 (5m)**	0,55	10	459	**137,94**	**VR273.1K-3E80M/4C**	24496	38	368
	4,9	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	23678	38	
	5,2	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	23296	38	
	6,2	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-3E80M/4C**	22283	38	
	7,1	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21056	40	
	8,1	**M7 (4m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	25324	40	
	9,8	**M7 (4m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	23543	45	
	11,8	**M7 (4m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	22478	45	
	14,0	**M7 (4m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	21040	49	
	16,3	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	19,5	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	23,3	**M7 (4m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	18017	55	
Ø140	4,6	**M7 (4m)**	0,55	10	459	**137,94**	**VR273.1K-3E80M/4C**	30525	38	368
	5,2	**M7 (4m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	29467	38	
	5,6	**M7 (4m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	28975	38	
	6,6	**M7 (4m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	27195	40	
	7,6	**M6 (3m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	32494	40	
	8,7	**M6 (3m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	30705	45	
	10,6	**M6 (3m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	29232	45	
	12,7	**M6 (3m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	27865	45	
	15,1	**M6 (3m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	26150	49	
	17,5	**M7 (4m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	20266	49	
	21,0	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø140	25,1	**M7 (4m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	18017	55	368
	5,2	**M8 (5m)**	0,55	12	413	**121,67**	**VR373.1K-3E80M/4C**	22710	61	369
	6,0	**M8 (5m)**	0,55	14	360	**106,69**	**VR373.1K-3E80M/4C**	21885	61	
	6,8	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	8,0	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	62	
	9,5	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	66	
	11,0	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	66	
	12,2	**M8 (5m)**	1,1	28	357	**52,30**	**VR373.1K-3E90S/4C**	17448	66	
	15,4	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	68	
	18,0	**M8 (5m)**	1,5	41	332	**35,49**	**VR373.1K-3E90L/4D**	15482	68	
	19,8	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	73	
	23,1	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	73	
	27,0	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	76	
Ø150	4,9	**M6 (3m)**	0,55	10	459	**137,94**	**VR273.1K-3E80M/4C**	37839	38	368
	5,6	**M6 (3m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	36490	38	
	6,0	**M6 (3m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	35864	38	
	7,1	**M5 (2m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	41959	40	
	8,2	**M5 (2m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	40377	40	
	9,4	**M5 (2m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	38277	45	
	11,3	**M5 (2m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	36385	45	
	13,6	**M5 (2m)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	34127	49	
	16,2	**M5 (2m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	32573	49	
	5,6	**M8 (5m)**	0,55	12	413	**121,67**	**VR373.1K-3E80M/4C**	22710	61	369
	6,4	**M8 (5m)**	0,55	14	360	**106,69**	**VR373.1K-3E80M/4C**	21885	61	
	7,2	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	8,6	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	62	
	10,1	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	66	
	11,8	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	66	
	13,1	**M8 (5m)**	1,1	28	357	**52,30**	**VR373.1K-3E90S/4C**	17448	66	
	16,5	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	68	
	19,2	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	73	
	21,3	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	73	
	24,8	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	73	
	29,0	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	76	
Ø160	5,2	**M5 (2m)**	0,55	10	459	**137,94**	**VR273.1K-3E80M/4C**	47034	38	368
	6,0	**M5 (2m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	45319	38	
	6,4	**M5 (2m)**	0,75	13	517	**113,02**	**VR273.1K-3E80M/4D**	43956	40	
	7,6	**M4 (1Am)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	52085	40	
	8,7	**M4 (1Am)**	1,1	17	558	**83,46**	**VR273.1K-3E90S/4C**	49351	45	
	10,0	**M4 (1Am)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	47602	45	
	12,1	**M4 (1Am)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	45192	45	
	14,5	**M4 (1Am)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	42467	49	
	5,9	**M8 (5m)**	0,55	12	413	**121,67**	**VR373.1K-3E80M/4C**	22710	61	369
	6,8	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	
	7,7	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	9,2	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	66	
	10,8	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	66	
	12,6	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	66	
	13,9	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	68	
	17,6	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	68	
	20,5	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	73	
	22,7	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	73	
	26,5	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	73	
	30,9	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	76	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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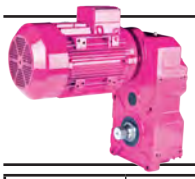
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	6,3	**M8 (5m)**	0,55	12	413	**121,67**	**VR373.1K-3E80M/4C**	22710	61	369
	7,3	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	
	8,2	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	9,8	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	66	
	11,5	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	66	
	13,4	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	68	
	14,8	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	68	
	18,7	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	73	
	21,8	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	73	
	24,1	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	73	
	28,1	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	76	
	32,8	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	76	
Ø180	6,7	**M8 (5m)**	0,75	12	564	**121,67**	**VR373.1K-3E80M/4D**	22213	62	369
	7,7	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	
	8,7	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	10,3	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	66	
	12,2	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	66	
	14,2	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	68	
	15,7	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	68	
	19,8	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	73	
	23,1	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	73	
	25,5	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	73	
	29,8	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	76	
	34,7	**M7 (4m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	16552	76	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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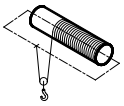

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**IE3 Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**IE3 Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**IE3 Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**IE3 Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø100	1,5	**M8 (5m)**	0,18	10	161	**137,94**	**VR273.1K-G63/4b**	26276	29	368
	1,7	**M8 (5m)**	0,18	12	141	**120,49**	**VR273.1K-G63/4b**	25285	29	
	1,9	**M8 (5m)**	0,18	13	133	**113,02**	**VR273.1K-G63/4b**	24828	29	
	2,3	**M8 (5m)**	0,25	15	147	**96,09**	**VR273.1K-3E71M/4C**	23070	33	
	2,7	**M8 (5m)**	0,25	17	128	**83,46**	**VR273.1K-3E71M/4C**	22167	33	
	3,1	**M8 (5m)**	0,37	20	166	**73,03**	**VR273.1K-3E71M/4D**	21117	35	
	3,7	**M8 (5m)**	0,37	24	138	**60,39**	**VR273.1K-3E71M/4D**	20024	35	
	4,5	**M8 (5m)**	0,55	29	170	**50,36**	**VR273.1K-3E80M/4C**	18738	38	
	5,4	**M8 (5m)**	0,55	34	143	**42,22**	**VR273.1K-3E80M/4C**	17847	38	
	6,3	**M8 (5m)**	0,55	40	124	**36,38**	**VR273.1K-3E80M/4C**	17120	38	
	7,5	**M8 (5m)**	0,75	48	141	**30,34**	**VR273.1K-3E80M/4D**	16113	40	
	8,9	**M8 (5m)**	1,1	57	174	**25,44**	**VR273.1K-3E90S/4C**	15118	45	
Ø110	1,7	**M8 (5m)**	0,18	10	161	**137,94**	**VR273.1K-G63/4b**	26276	29	368
	1,9	**M8 (5m)**	0,18	12	141	**120,49**	**VR273.1K-G63/4b**	25285	29	
	2,0	**M8 (5m)**	0,25	13	184	**113,02**	**VR273.1K-3E71M/4C**	24615	33	
	2,6	**M8 (5m)**	0,25	15	147	**96,09**	**VR273.1K-3E71M/4C**	23070	33	
	3,0	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-3E71M/4D**	21913	35	
	3,4	**M8 (5m)**	0,37	20	166	**73,03**	**VR273.1K-3E71M/4D**	21117	35	
	4,1	**M8 (5m)**	0,37	24	138	**60,39**	**VR273.1K-3E71M/4D**	20024	35	
	5,0	**M8 (5m)**	0,55	29	170	**50,36**	**VR273.1K-3E80M/4C**	18738	38	
	5,9	**M8 (5m)**	0,55	34	143	**42,22**	**VR273.1K-3E80M/4C**	17847	38	
	6,9	**M8 (5m)**	0,75	40	169	**36,38**	**VR273.1K-3E80M/4D**	16935	40	
	8,3	**M8 (5m)**	0,75	48	141	**30,34**	**VR273.1K-3E80M/4D**	16113	40	
	9,8	**M8 (5m)**	1,1	57	174	**25,44**	**VR273.1K-3E90S/4C**	15118	45	
Ø120	1,8	**M8 (5m)**	0,18	10	161	**137,94**	**VR273.1K-G63/4b**	26276	29	368
	2,1	**M8 (5m)**	0,25	12	196	**120,49**	**VR273.1K-3E71M/4C**	25058	33	
	2,2	**M8 (5m)**	0,25	13	184	**113,02**	**VR273.1K-3E71M/4C**	24615	33	
	2,8	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-3E71M/4D**	22779	35	
	3,2	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-3E71M/4D**	21913	35	
	3,7	**M8 (5m)**	0,37	20	166	**73,03**	**VR273.1K-3E71M/4D**	21117	35	
	4,5	**M8 (5m)**	0,55	24	205	**60,39**	**VR273.1K-3E80M/4C**	19747	38	
	5,4	**M8 (5m)**	0,55	29	170	**50,36**	**VR273.1K-3E80M/4C**	18738	38	
	6,5	**M8 (5m)**	0,75	34	195	**42,22**	**VR273.1K-3E80M/4D**	17633	40	
	7,5	**M8 (5m)**	0,75	40	169	**36,38**	**VR273.1K-3E80M/4D**	16935	40	
	9,0	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	10,7	**M8 (5m)**	1,1	57	174	**25,44**	**VR273.1K-3E90S/4C**	15118	45	
Ø130	2.0	**M8 (5m)**	0.18	10	161	**137,94**	**VR273.1K-G63/4b**	26276	29	368
	2.3	**M8 (5m)**	0.25	12	196	**120,49**	**VR273.1K-3E71M/4C**	25058	33	
	2.4	**M8 (5m)**	0.25	13	184	**113,02**	**VR273.1K-3E71M/4C**	24615	33	
	3.0	**M8 (5m)**	0.37	15	217	**96,09**	**VR273.1K-3E71M/4D**	22779	35	
	3.5	**M8 (5m)**	0.37	17	190	**83,46**	**VR273.1K-3E71M/4D**	21913	35	
	4.0	**M8 (5m)**	0.37	20	166	**73,03**	**VR273.1K-3E71M/4D**	21117	35	
	4.8	**M8 (5m)**	0.55	24	205	**60,39**	**VR273.1K-3E80M/4C**	19747	38	
	5.9	**M8 (5m)**	0.55	29	170	**50,36**	**VR273.1K-3E80M/4C**	18738	38	
	7.0	**M8 (5m)**	0.75	34	195	**42,22**	**VR273.1K-3E80M/4D**	17633	40	
	8.1	**M8 (5m)**	0.75	40	169	**36,38**	**VR273.1K-3E80M/4D**	16935	40	
	9.8	**M8 (5m)**	1.1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	11.6	**M8 (5m)**	1.1	57	174	**25,44**	**VR273.1K-3E90S/4C**	15118	45	
Ø140	2,1	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-3E71M/4C**	26017	33	368
	2,4	**M8 (5m)**	0,25	12	196	**120,49**	**VR273.1K-3E71M/4C**	25058	33	
	2,6	**M8 (5m)**	0,25	13	184	**113,02**	**VR273.1K-3E71M/4C**	24615	33	
	3,3	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-3E71M/4D**	22779	35	
	3,8	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-3E71M/4D**	21913	35	
	4,3	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-3E80M/4C**	20783	38	
	5,2	**M8 (5m)**	0,55	24	205	**60,39**	**VR273.1K-3E80M/4C**	19747	38	
	6,3	**M8 (5m)**	0,55	29	170	**50,36**	**VR273.1K-3E80M/4C**	18738	38	
	7,5	**M8 (5m)**	0,75	34	195	**42,22**	**VR273.1K-3E80M/4D**	17633	40	
	8,8	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	10,5	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø140	12,5	**M8 (5M)**	1,1	57	174	**25,44**	**VR273.1K-3E90S/4C**	15188	45	368
Ø150	2,3	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-3E71M/4C**	26017	33	368
	2,6	**M8 (5m)**	0,25	12	196	**120,49**	**VR273.1K-3E71M/4C**	25058	33	
	2,8	**M8 (5m)**	0,25	13	184	**113,02**	**VR273.1K-3E71M/4C**	24615	33	
	3,5	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-3E71M/4D**	22779	35	
	4,0	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-3E71M/4D**	21913	35	
	4,6	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-3E80M/4C**	20783	38	
	5,6	**M8 (5m)**	0,55	24	205	**60,39**	**VR273.1K-3E80M/4C**	19747	38	
	6,8	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	8,1	**M8 (5m)**	0,75	34	195	**42,22**	**VR273.1K-3E80M/4D**	17633	40	
	9,4	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	11,3	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	13,4	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	
Ø160	2,4	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-3E71M/4C**	26017	33	368
	2,8	**M8 (5m)**	0,25	12	196	**120,49**	**VR273.1K-3E71M/4C**	25058	33	
	3,0	**M8 (5m)**	0,37	13	273	**113,02**	**VR273.1K-3E71M/4D**	24249	35	
	3,8	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-3E71M/4D**	22779	35	
	4,3	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-3E80M/4C**	21533	38	
	4,9	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-3E80M/4C**	20783	38	
	6,0	**M8 (5m)**	0,55	24	205	**60,39**	**VR273.1K-3E80M/4C**	19747	38	
	7,2	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	8,6	**M8 (5m)**	0,75	34	195	**42,22**	**VR273.1K-3E80M/4D**	17633	40	
	10,0	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	12,0	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	14,3	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	
Ø170	2,6	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-3E71M/4C**	26017	33	368
	3,0	**M8 (5m)**	0,37	12	290	**120,49**	**VR273.1K-3E71M/4D**	24670	35	
	3,2	**M8 (5m)**	0,37	13	273	**113,02**	**VR273.1K-3E71M/4D**	24249	35	
	4,0	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-3E71M/4D**	22779	35	
	4,6	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-3E80M/4C**	21533	38	
	5,2	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-3E80M/4C**	20783	38	
	6,3	**M8 (5m)**	0,75	24	280	**60,39**	**VR273.1K-3E80M/4D**	19438	40	
	7,7	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
Ø180	2.7	**M8 (5m)**	0.25	10	224	**137,94**	**VR273.1K-3E71M/4C**	26017	33	368
	3.1	**M8 (5m)**	0.37	12	290	**120,49**	**VR273.1K-3E71M/4D**	24670	35	
	3.4	**M8 (5m)**	0.37	13	273	**113,02**	**VR273.1K-3E71M/4D**	24249	35	
	4.2	**M8 (5m)**	0.37	15	217	**96,09**	**VR273.1K-3E71M/4D**	22779	35	
	4.9	**M8 (5m)**	0.55	17	282	**83,46**	**VR273.1K-3E80M/4C**	21533	38	
	5.6	**M8 (5m)**	0.55	20	247	**73,03**	**VR273.1K-3E80M/4C**	20783	38	
	6.7	**M8 (5m)**	0.75	24	280	**60,39**	**VR273.1K-3E80M/4D**	19438	40	
	8.1	**M8 (5m)**	0.75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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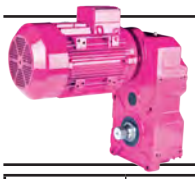

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø110	4,1	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-3E80M/4C**	22649	61	369
	4,7	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	
	5,3	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	6,3	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	66	
	7,4	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	66	
	8,7	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	66	
	9,6	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	68	
	12,1	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	16088	69	
	14,1	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	73	
	15,6	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	73	
	18,2	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	76	
	21,2	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	76	
Ø120	4,5	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	62	369
	5,1	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	
	5,8	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	6,9	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	66	
	8,1	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	66	
	9,5	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	68	
	10,4	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	68	
	13,2	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	73	
	15,4	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	73	
	17,0	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	73	
	19,8	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	76	
	23,2	**M7 (4m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	16552	76	
Ø130	4,9	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	62	
	5,5	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	369
	6,3	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	66	
	7,5	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	66	
	8,8	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	66	
	10,2	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	68	
	11,3	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	68	
	14,3	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	73	
	16,7	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	73	
	18,4	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	76	
	21,5	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	76	
	25,1	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	80	
Ø140	5,2	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	62	369
	6,0	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	66	
	6,8	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	66	
	8,0	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	66	
	9,5	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	68	
	11,0	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	68	
	12,2	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	16268	73	
	15,4	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	73	
	18,0	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	76	
	19,8	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	76	
	23,1	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	76	
	27,0	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	80	
Ø150	5,6	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	62	369
	6,4	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	66	
	7,2	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	66	
	8,6	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	66	
	10,1	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	68	
	11,8	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	68	
	13,1	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	73	
	16,5	**M7 (4m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	19459	73	
	19,2	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	76	
	21,3	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	76	
	24,8	**M7 (4m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	16599	81	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø150	29,0	**M6 (3m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	20128	81	369
Ø160	6,0	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	66	369
	6,8	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	66	
	7,7	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	66	
	9,2	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	68	
	10,8	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	68	
	12,6	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	73	
	13,9	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	73	
	17,6	**M7 (4m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	19459	73	
	20,5	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	76	
	22,7	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	76	
	26,5	**M6 (3m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	20857	81	
	30,9	**M6 (3m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	20128	81	
Ø170	6,4	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	66	369
	7,3	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	66	
	8,2	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	66	
	9,8	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	68	
	11,5	**M7 (4m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	22632	68	
	13,4	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	73	
	14,8	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	73	
	18,7	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	18777	76	
	21,8	**M6 (3m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	22766	76	
	24,1	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	22235	81	
	28,1	**M6 (3m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	20857	81	
	32,8	**M6 (3m)**	5,5	61	811	**23,58**	**VR373.1K-3E132S/4C**	19397	92	
Ø180	6,7	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	66	369
	7,7	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	66	
	8,7	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	66	
	10,3	**M7 (4m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	23507	68	
	12,2	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	21667	73	
	14,2	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	73	
	15,7	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	73	
	19,8	**M6 (3m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	23590	76	
	23,1	**M6 (3m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	22766	76	
	25,5	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	81	
	29,8	**M6 (3m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	20857	81	

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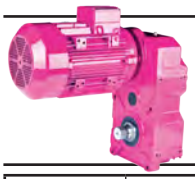

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø100	1,6	**M8 (5m)**	0,25	10	209	**137,94**	**VR273.1K-3E71M/4C**	25530	33	368
	1,9	**M8 (5m)**	0,25	12	183	**120,49**	**VR273.1K-3E71M/4C**	24585	33	
	2,0	**M8 (5m)**	0,25	13	172	**113,02**	**VR273.1K-3E71M/4C**	24148	33	
	2,3	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-3E71M/4D**	22779	35	
	2,7	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-3E71M/4D**	21913	35	
	3,1	**M8 (5m)**	0,55	20	245	**73,03**	**VR273.1K-3E80M/4C**	20726	38	
	3,8	**M8 (5m)**	0,55	24	203	**60,39**	**VR273.1K-3E80M/4C**	19691	38	
	4,5	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	5,4	**M8 (5m)**	0,75	34	195	**42,22**	**VR273.1K-3E80M/4D**	17633	40	
	6,3	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	7,5	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	8,9	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	
Ø110	1,8	**M8 (5m)**	0,25	10	209	**137,94**	**VR273.1K-3E71M/4C**	25530	33	368
	2,1	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-3E71M/4D**	24222	35	
	2,2	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-3E71M/4D**	23807	35	
	2,6	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-3E71M/4D**	22779	35	
	3,0	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-3E80M/4C**	21533	38	
	3,4	**M8 (5m)**	0,55	20	245	**73,03**	**VR273.1K-3E80M/4C**	20726	38	
	4,1	**M8 (5m)**	0,55	24	203	**60,39**	**VR273.1K-3E80M/4C**	19691	38	
	5,0	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	5,9	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	6,9	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	8,3	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	9,8	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	
Ø120	2,0	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-3E71M/4D**	25116	35	368
	2,2	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-3E71M/4D**	24222	35	
	2,4	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-3E71M/4D**	23807	35	
	2,8	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-3E80M/4C**	22343	38	
	3,2	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-3E80M/4C**	21533	38	
	3,7	**M8 (5m)**	0,55	20	245	**73,03**	**VR273.1K-3E80M/4C**	20726	38	
	4,5	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	5,4	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	6,5	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	7,5	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	9,0	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	10,7	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	
Ø130	2,1	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-3E71M/4D**	25116	35	368
	2,4	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-3E71M/4D**	24222	35	
	2,6	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-3E71M/4D**	23807	35	
	3,0	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-3E80M/4C**	22343	38	
	3,5	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-3E80M/4C**	21533	38	
	4,1	**M8 (5m)**	0,55	20	245	**73,03**	**VR273.1K-3E80M/4C**	20726	38	
	4,9	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	5,9	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	7,0	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	8,1	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	9,8	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	11,6	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	
Ø140	2,3	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-3E71M/4D**	25116	35	368
	2,6	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-3E71M/4D**	24222	35	
	2,8	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	23296	38	
	3,3	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-3E80M/4C**	22343	38	
	3,8	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-3E80M/4C**	21533	38	
	4,4	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	5,3	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	6,3	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	7,5	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	8,8	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	10,5	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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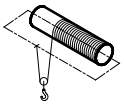

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø140	12,5	**M8 (5m)**	2,2	57	348	**137,94**	**VR273.1K-3E100L/4C**	14399	55	368
Ø150	2,4	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-3E71M/4D**	25116	35	368
	2,8	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	23678	38	
	3,0	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	23296	38	
	3,5	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-3E80M/4C**	22343	38	
	4,0	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-3E80M/4C**	21533	38	
	4,7	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	5,7	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	6,8	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	8,1	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	9,4	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	11,3	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
Ø160	2,6	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-3E71M/4D**	25116	35	368
	3,0	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	23678	38	
	3,2	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	23296	38	
	3,8	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-3E80M/4C**	22343	38	
	4,3	**M8 (5m)**	0,75	17	384	**83,46**	**VR273.1K-3E80M/4D**	21110	40	
	5,0	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	6,0	**M8 (5m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	18852	45	
	7,2	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	8,6	**M8 (5m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	16828	49	
	10,0	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
Ø170	2,8	**M8 (5m)**	0,55	10	459	**137,94**	**VR273.1K-3E80M/4C**	24496	38	368
	3,2	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	23678	38	
	3,4	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	23296	38	
	4,0	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-3E80M/4C**	22343	38	
	4,6	**M8 (5m)**	0,75	17	384	**83,46**	**VR273.1K-3E80M/4D**	21110	40	
	5,3	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
Ø180	2,9	**M8 (5m)**	0,55	10	459	**137,94**	**VR273.1K-3E80M/4C**	24496	38	368
	3,4	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	23678	38	
	3,6	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	23296	38	
	4,2	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-3E80M/4C**	22343	38	
	4,9	**M8 (5m)**	0,75	17	384	**83,46**	**VR273.1K-3E80M/4D**	21110	40	
	5,6	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	

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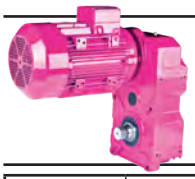
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	5,6	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	101	370
	6,4	**M8 (5m)**	1,1	12	820	**121,49**	**VR473.1K-3E90S/4C**	45238	101	
	7,6	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	103	
	8,1	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	103	
	9,6	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	107	
	11,0	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	107	
	12,5	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	107	
	14,2	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	109	
	16,3	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	109	
	18,8	**M8 (5m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	48313	117	
	22,7	**M8 (5m)**	4,0	43	852	**34,28**	**VR473.1K-3E112M/4D**	48808	117	
	27,4	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	128	
	27,5	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	197	371
Ø180	5,9	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	101	370
	6,7	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	103	
	8,1	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	103	
	8,5	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	103	
	10,1	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	107	
	11,6	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	107	
	13,3	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	107	
	15,1	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	109	
	17,3	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	109	
	19,9	**M8 (5m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	48313	117	
	24,1	**M7 (4m)**	4,0	43	852	**34,28**	**VR473.1K-3E112M/4D**	50759	117	
	29,0	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	128	
	21,9	**M8 (5m)**	4,0	39	934	**37,64**	**VR573.1K-3E112M/4D**	79521	187	371
	24,7	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	198	
	29,2	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	198	
Ø190	6,3	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	101	370
	7,1	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	103	
	8,5	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	103	
	9,0	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	103	
	10,7	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	107	
	12,3	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	107	
	14,0	**M8 (5m)**	3,0	23	844	**61,85**	**VR473.1K-3E100L/4D**	48265	109	
	15,9	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	109	
	18,3	**M8 (5m)**	4,0	31	885	**47,37**	**VR473.1K-3E112M/4D**	48565	109	
	21,0	**M7 (4m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	48313	117	
	25,4	**M7 (4m)**	5,5	43	852	**34,28**	**VR473.1K-3E132S/4C**	50759	117	
	30,6	**M7 (4m)**	5,5	51	1017	**28,45**	**VR473.1K-3E132S/4C**	50316	128	
	20,4	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	187	371
	23,1	**M8 (5m)**	4,0	39	934	**37,64**	**VR573.1K-3E112M/4D**	79521	187	
	26,0	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	198	
	30,8	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	198	
Ø200	6,6	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	103	370
	7,5	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	103	
	9,0	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	103	
	9,5	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	107	
	11,2	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	107	
	12,9	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	107	
	14,7	**M8 (5m)**	3	23	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	109	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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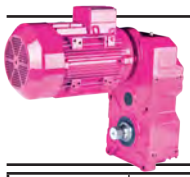
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø200	16,8	**M8 (5m)**	3	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	109	370
	19,2	**M7 (4m)**	4	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	117	
	22,1	**M7 (4m)**	4	35	1029	**41,50**	**VR473.1K-3E112M/4D**	50379	117	
	26,7	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	128	
	32,2	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	128	
	17,5	**M8 (5m)**	3,0	27	971	**51,97**	**VR573.1K-3E100L/4D**	78210	179	371
	21,5	**M8 (5m)**	4,0	33	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	187	
	24,4	**M8 (5m)**	5,5	37	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	188	
	27,4	**M8 (5m)**	5,5	42	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	198	
	32,4	**M8 (5m)**	5,5	49	970	**28,30**	**VR573.1K-3E132S/4C**	80637	198	
Ø210	6,9	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	103	370
	7,9	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	103	
	9,4	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	107	
	10,0	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	107	
	11,8	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	107	
	13,5	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	46685	109	
	15,5	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	109	
	17,6	**M7 (4m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	50346	109	
	20,2	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	117	
	23,2	**M7 (4m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	50379	117	
	28,1	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	128	
	33,8	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	139	
	13,9	**M8 (5m)**	3,0	21	1295	**69,00**	**VR573.1K-3E112M/4D**	77685	180	371
	16,4	**M8 (5m)**	4,0	25	1056	**58,36**	**VR573.1K-3E112M/4D**	78483	180	
	18,4	**M8 (5m)**	4,0	28	1285	**51,97**	**VR573.1K-3E132S/4C**	78953	187	
	22,6	**M8 (5m)**	5,5	34	1144	**42,62**	**VR573.1K-3E132S/4C**	79948	187	
	25,6	**M8 (5m)**	5,5	39	1322	**37,64**	**VR573.1K-3E132M/4D**	80066	197	
	28,8	**M8 (5m)**	7,5	44	1194	**33,46**	**VR573.1K-132S/4-L10**	80109	197	
	34,0	**M8 (5m)**	7,5	52	1380	**28,30**	**VR573.1K-132M/4-L10**	80199	207	
Ø220	7,2	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-90L/4-L02**	43107	103	370
	8,2	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-90L/4-L02**	44393	103	
	9,9	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-100L/4a-L04**	44091	107	
	10,4	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-100L/4a-L04**	45228	107	
	12,4	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-100L/4a-L04**	47006	107	
	14,2	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-100L/4b-L04**	49343	109	
	16,2	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-100L/4b-L04**	49876	109	
	18,4	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-112M/4-L05**	49389	117	
	21,1	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-112M/4-L05**	49917	117	
	24,3	**M7 (4m)**	4,0	35	1029	**41,50**	**VR473.1K-112M/4-L05**	50379	117	
	29,4	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-132S/4-L10**	51856	128	
	35,5	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-132M/4-L10**	51205	139	
	12,9	**M8 (5m)**	2,2	19	1285	**77,63**	**VR573.1K-3E100L/4D**	73543	177	371
	14,5	**M8 (5m)**	3,0	21	1089	**69,00**	**VR573.1K-3E100L/4D**	75138	180	
	17,2	**M8 (5m)**	3,0	25	1295	**58,36**	**VR573.1K-3E112M/4D**	75648	180	
	19,3	**M8 (5m)**	4,0	28	1056	**51,97**	**VR573.1K-3E112M/4D**	76822	187	
	23,7	**M8 (5m)**	4,0	34	1285	**42,62**	**VR573.1K-3E132S/4C**	76931	187	
	26,8	**M8 (5m)**	5,5	39	1144	**37,64**	**VR573.1K-3E132S/4C**	78149	197	
	30,1	**M8 (5m)**	5,5	44	1322	**33,46**	**VR573.1K-3E132M/4D**	77985	197	
	35,6	**M8 (5m)**	7,5	52	1380	**28,30**	**VR573.1K-132M/4-L10**	78029	207	
Ø230	7,6	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	103	370
	8,6	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	103	
	10,3	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	107	
	10,9	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	107	

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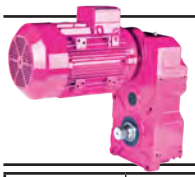

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**IE3 Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**IE3 Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**IE3 Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**IE3 Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø230	12,9	**M7 (4m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	49870	107	370
	14,8	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	109	
	16,9	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	109	
	19,3	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	117	
	22,1	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	117	
	25,4	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	49286	127	
	30,8	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	128	
	37,1	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	139	
	11,9	**M8 (5m)**	2,2	16	1196	**87,90**	**VR573.1K-3E100L/4C**	72098	177	371
	13,5	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	180	
	15,2	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	180	
	17,9	**M8 (5m)**	3,0	25	1089	**58,36**	**VR573.1K-3E100L/4D**	76851	180	
	20,2	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	187	
	24,7	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	197	
	28,0	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	197	
	31,5	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	197	
	37,3	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	207	
Ø240	7,9	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	104	370
	9,0	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	104	
	10,8	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	107	
	11,4	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	107	
	13,5	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	109	
	15,5	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	109	
	17,7	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	109	
	20,1	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	117	
	23,1	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	117	
	26,5	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	127	
	32,1	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	127	
	38,7	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	139	
	12,4	**M8 (5m)**	2,2	16	1196	**87,90**	**VR573.1K-3E100L/4C**	72098	174	371
	14,1	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	15,8	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	18,7	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	21,0	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	25,8	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	29,2	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	32,9	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	38,9	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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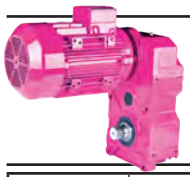

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø100	1,6	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-3E71M/4D**	25116	35	368
	1,9	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-3E71M/4D**	24222	35	
	2,0	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-3E71M/4D**	23807	35	
	2,4	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-3E80M/4C**	22283	38	
	2,7	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-3E80M/4C**	21474	38	
	3,1	**M8 (5m)**	0,55	20	245	**73,03**	**VR273.1K-3E80M/4C**	20726	38	
	3,8	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	4,5	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	5,4	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	6,3	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	7,5	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	8,9	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14399	55	
Ø110	1,8	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-3E71M/4D**	25116	35	368
	2,1	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-3E71M/4D**	24222	35	
	2,2	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	23296	38	
	2,6	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-3E80M/4C**	22283	38	
	3,0	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-3E80M/4C**	21474	38	
	3,4	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	4,1	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	5,0	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	5,9	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	6,9	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	8,3	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	9,8	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14399	55	
Ø120	2,0	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-3E71M/4D**	25116	35	368
	2,2	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	23678	38	
	2,4	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	23296	38	
	2,8	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-3E80M/4C**	22283	38	
	3,3	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21056	40	
	3,7	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	4,5	**M8 (5m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	18852	45	
	5,4	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	6,5	**M8 (5m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	16828	49	
	7,5	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	9,0	**M8 (5m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	14986	55	
	10,7	**M7 (4m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	18017	55	
Ø130	2,1	**M8 (5m)**	0,55	10	459	**137,94**	**VR273.1K-3E80M/4C**	24496	38	368
	2,4	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	23678	38	
	2,6	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	23296	38	
	3,1	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-3E80M/4C**	22283	38	
	3,5	**M7 (4m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	26224	40	
	4,1	**M7 (4m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	25324	40	
	4,9	**M7 (4m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	23543	45	
	5,9	**M7 (4m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	22478	45	
	7,0	**M7 (4m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	21040	49	
	8,1	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	9,8	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	11,6	**M7 (4m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	18017	55	
Ø140	2,3	**M7 (4m)**	0,55	10	459	**137,94**	**VR273.1K-3E80M/4C**	30525	38	368
	2,6	**M7 (4m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	29467	38	
	2,8	**M7 (4m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	28975	38	
	3,3	**M6 (3m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	33736	40	
	3,8	**M6 (3m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	32494	40	
	4,4	**M6 (3m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	30705	45	
	5,3	**M6 (3m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	29232	45	
	6,3	**M6 (3m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	27865	45	
	7,5	**M6 (3m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	26150	49	
	8,8	**M7 (4m)**	2,2	40	495	**36,38**	**VR273.1K-3E100L/4C**	19615	55	
	10,5	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	

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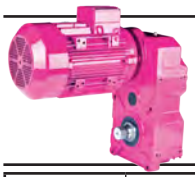
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø140	12,5	**M7 (4m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	18017	55	368
	2,6	**M8 (5m)**	0,55	12	413	**121,67**	**VR373.1K-3E80M/4C**	22710	61	369
	3,0	**M8 (5m)**	0,55	14	360	**106,69**	**VR373.1K-3E80M/4C**	21885	61	
	3,4	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	4,0	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	62	
	4,7	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	65	
	5,5	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	65	
	6,1	**M8 (5m)**	1,1	28	357	**52,30**	**VR373.1K-3E90S/4C**	17448	65	
	7,7	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	67	
	9,0	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	15482	67	
	9,9	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	72	
	11,6	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	72	
	13,5	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	75	
Ø150	2,4	**M6 (3m)**	0,55	10	459	**137,94**	**VR273.1K-3E80M/4C**	37839	38	368
	2,8	**M6 (3m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	36490	38	
	3,0	**M5 (2m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	44525	38	
	3,6	**M5 (2m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	41959	40	
	4,1	**M5 (2m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	40377	40	
	4,7	**M5 (2m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	38277	45	
	5,7	**M5 (2m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	36385	45	
	6,8	**M5 (2m)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	34127	49	
	8,1	**M4 (1Am)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	40483	49	
	2,8	**M8 (5m)**	0,55	12	413	**121,67**	**VR373.1K-3E80M/4C**	22710	61	369
	3,2	**M8 (5m)**	0,55	14	360	**106,69**	**VR373.1K-3E80M/4C**	21885	61	
	3,6	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	4,3	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	62	
	5,1	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	65	
	5,9	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	65	
	6,5	**M8 (5m)**	1,1	28	357	**52,30**	**VR373.1K-3E90S/4C**	17448	65	
	8,2	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	67	
	9,6	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	72	
	10,6	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	72	
	12,4	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	72	
	14,5	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	75	
Ø160	2,6	**M5**	0,55	10	459	**137,94**	**VR273.1K-3E80M/4C**	47034	38	368
	3,0	**M5**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	45319	38	
	3,2	**M4**	0,75	13	517	**113,02**	**VR273.1K-3E80M/4D**	54621	40	
	3,8	**M4**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	52085	40	
	4,4	**M4**	1,1	17	558	**83,46**	**VR273.1K-3E90S/4C**	49351	45	
	5,0	**M4**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	47602	45	
	3,0	**M8 (5m)**	0,55	12	413	**121,67**	**VR373.1K-3E80M/4C**	22710	61	369
	3,4	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	
	3,9	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	4,6	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	65	
	5,4	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	65	
	6,3	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	65	
	7,0	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	67	
	8,8	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	67	
	10,3	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	72	
	11,3	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	72	
	13,2	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	72	
	15,4	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	75	
Ø170	3,1	**M8 (5m)**	0,55	12	413	**121,67**	**VR373.1K-3E80M/4C**	22710	61	369
	3,6	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	
	4,1	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	4,9	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	65	369
	5,7	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	65	
	6,7	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	67	
	7,4	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	67	
	9,3	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	72	
	10,9	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	72	
	12,1	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	72	
	14,1	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	75	
	16,4	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	75	
Ø180	3,3	**M8 (5m)**	0,75	12	564	**121,67**	**VR373.1K-3E80M/4D**	22213	62	369
	3,8	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	
	4,3	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	5,2	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	65	
	6,1	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	65	
	7,1	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	67	
	7,8	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	67	
	9,9	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	72	
	11,5	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	72	
	12,8	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	72	
	14,9	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	75	
	17,4	**M7(4m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	16552	75	

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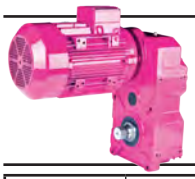

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø100	0,8	**M8 (5m)**	0,18	10	161	**137,94**	**VR273.1K-G63/4b**	26276	29	368
	0,9	**M8 (5m)**	0,18	11	141	**120,49**	**VR273.1K-G63/4b**	25285	29	
	0,9	**M8 (5m)**	0,18	12	133	**113,02**	**VR273.1K-G63/4b**	24828	29	
	1,2	**M8 (5m)**	0,25	15	147	**96,09**	**VR273.1K-3E71M/4C**	23070	33	
	1,3	**M8 (5m)**	0,25	17	128	**83,46**	**VR273.1K-3E71M/4C**	22167	33	
	1,5	**M8 (5m)**	0,37	20	166	**73,03**	**VR273.1K-3E71M/4D**	21117	35	
	1,9	**M8 (5m)**	0,37	24	138	**60,39**	**VR273.1K-3E71M/4D**	20024	35	
	2,3	**M8 (5m)**	0,55	29	170	**50,36**	**VR273.1K-3E80M/4C**	18738	38	
	2,7	**M8 (5m)**	0,55	34	143	**42,22**	**VR273.1K-3E80M/4C**	17847	38	
	3,1	**M8 (5m)**	0,55	40	124	**36,38**	**VR273.1K-3E80M/4C**	17120	38	
	3,8	**M8 (5m)**	0,75	48	141	**30,34**	**VR273.1K-3E80M/4D**	16113	40	
	4,5	**M8 (5m)**	1,1	57	174	**25,44**	**VR273.1K-3E90S/4C**	15118	45	
Ø110	0,8	**M8 (5m)**	0,18	10	161	**137,94**	**VR273.1K-G63/4b**	26276	29	368
	1,0	**M8 (5m)**	0,18	11	141	**120,49**	**VR273.1K-G63/4b**	25285	29	
	1,0	**M8 (5m)**	0,25	12	184	**113,02**	**VR273.1K-3E71M/4C**	24615	33	
	1,3	**M8 (5m)**	0,25	15	147	**96,09**	**VR273.1K-3E71M/4C**	23070	33	
	1,5	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-3E71M/4D**	21913	35	
	1,7	**M8 (5m)**	0,37	20	166	**73,03**	**VR273.1K-3E71M/4D**	21117	35	
	2,1	**M8 (5m)**	0,37	24	138	**60,39**	**VR273.1K-3E71M/4D**	20024	35	
	2,5	**M8 (5m)**	0,55	29	170	**50,36**	**VR273.1K-3E80M/4C**	18738	38	
	3,0	**M8 (5m)**	0,55	34	143	**42,22**	**VR273.1K-3E80M/4C**	17847	38	
	3,4	**M8 (5m)**	0,75	40	169	**36,38**	**VR273.1K-3E80M/4D**	16935	40	
	4,1	**M8 (5m)**	0,75	48	141	**30,34**	**VR273.1K-3E80M/4D**	16113	40	
	4,9	**M8 (5m)**	1,1	57	174	**25,44**	**VR273.1K-3E90S/4C**	15118	45	
Ø120	0,9	**M8 (5m)**	0,18	10	161	**137,94**	**VR273.1K-G63/4b**	26276	29	368
	1,0	**M8 (5m)**	0,25	11	196	**120,49**	**VR273.1K-3E71M/4C**	25058	33	
	1,1	**M8 (5m)**	0,25	12	184	**113,02**	**VR273.1K-3E71M/4C**	24615	33	
	1,4	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-3E71M/4D**	22779	35	
	1,6	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-3E71M/4D**	21913	35	
	1,9	**M8 (5m)**	0,37	20	166	**73,03**	**VR273.1K-3E71M/4D**	21117	35	
	2,2	**M8 (5m)**	0,55	24	205	**60,39**	**VR273.1K-3E80M/4C**	19747	38	
	2,7	**M8 (5m)**	0,55	29	170	**50,36**	**VR273.1K-3E80M/4C**	18738	38	
	3,2	**M8 (5m)**	0,75	34	195	**42,22**	**VR273.1K-3E80M/4D**	17633	40	
	3,8	**M8 (5m)**	0,75	40	169	**36,38**	**VR273.1K-3E80M/4D**	16935	40	
	4,5	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	5,4	**M8 (5m)**	1,1	57	174	**25,44**	**VR273.1K-3E90S/4C**	15118	45	
Ø130	1,0	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-3E71M/4C**	-26017	33	368
	1,1	**M8 (5m)**	0,25	11	196	**120,49**	**VR273.1K-3E71M/4C**	-25058	33	
	1,2	**M8 (5m)**	0,25	12	184	**113,02**	**VR273.1K-3E71M/4C**	-24615	33	
	1,5	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-3E71M/4D**	-22779	35	
	1,8	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-3E71M/4D**	-21913	35	
	2,0	**M8 (5m)**	0,37	20	166	**73,03**	**VR273.1K-3E71M/4D**	-21117	35	
	2,4	**M8 (5m)**	0,55	24	205	**60,39**	**VR273.1K-3E80M/4C**	-19747	38	
	2,9	**M8 (5m)**	0,55	29	170	**50,36**	**VR273.1K-3E80M/4C**	-18738	38	
	3,5	**M8 (5m)**	0,75	34	195	**42,22**	**VR273.1K-3E80M/4D**	-17633	40	
	4,1	**M8 (5m)**	0,75	40	169	**36,38**	**VR273.1K-3E80M/4D**	-16935	40	
	4,9	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	-15841	45	
	5,8	**M8 (5m)**	1,1	57	174	**25,44**	**VR273.1K-3E90S/4C**	-15118	45	
Ø140	1,1	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-3E71M/4C**	26017	33	368
	1,2	**M8 (5m)**	0,25	11	196	**120,49**	**VR273.1K-3E71M/4C**	25058	33	
	1,3	**M8 (5m)**	0,25	12	184	**113,02**	**VR273.1K-3E71M/4C**	24615	33	
	1,6	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-3E71M/4D**	22779	35	
	1,9	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-3E71M/4D**	21913	35	
	2,2	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-3E80M/4C**	20783	38	
	2,6	**M8 (5m)**	0,55	24	205	**60,39**	**VR273.1K-3E80M/4C**	19747	38	
	3,2	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	3,8	**M8 (5m)**	0,75	34	195	**42,22**	**VR273.1K-3E80M/4D**	17633	40	
	4,4	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	5,3	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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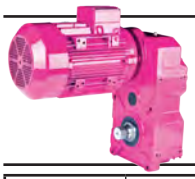
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø140	6,3	**M8 (5m)**	1,1	57	174	**25,44**	**VR273.1K-3E90S/4C**	15118	45	368
Ø150	1,1	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-3E71M/4C**	26017	33	368
	1,3	**M8 (5m)**	0,25	11	196	**120,49**	**VR273.1K-3E71M/4C**	25058	33	
	1,4	**M8 (5m)**	0,25	12	184	**113,02**	**VR273.1K-3E71M/4C**	24615	33	
	1,8	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-3E71M/4D**	22779	35	
	2,0	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-3E71M/4D**	21913	35	
	2,3	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-3E80M/4C**	20783	38	
	2,8	**M8 (5m)**	0,55	24	205	**60,39**	**VR273.1K-3E80M/4C**	19747	38	
	3,4	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	4,0	**M8 (5m)**	0,75	34	195	**42,22**	**VR273.1K-3E80M/4D**	17633	40	
	4,7	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	5,6	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	6,7	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	
Ø160	1,2	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-3E71M/4C**	26017	33	368
	1,4	**M8 (5m)**	0,25	11	196	**120,49**	**VR273.1K-3E71M/4C**	25058	33	
	1,5	**M8 (5m)**	0,37	12	273	**113,02**	**VR273.1K-3E71M/4D**	24249	35	
	1,9	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-3E71M/4D**	22779	35	
	2,2	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-3E80M/4C**	21533	38	
	2,5	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-3E80M/4C**	20783	38	
	3,0	**M8 (5m)**	0,55	24	205	**60,39**	**VR273.1K-3E80M/4C**	19747	38	
	3,6	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	4,3	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	5,0	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	6,0	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	7,2	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	
Ø170	1,3	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-3E71M/4C**	26017	33	368
	1,5	**M8 (5m)**	0,37	11	290	**120,49**	**VR273.1K-3E71M/4D**	24670	35	
	1,6	**M8 (5m)**	0,37	12	273	**113,02**	**VR273.1K-3E71M/4D**	24249	35	
	2,0	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-3E71M/4D**	22779	35	
	2,3	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-3E80M/4C**	21533	38	
	2,6	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-3E80M/4C**	20783	38	
	3,2	**M8 (5m)**	0,75	24	280	**60,39**	**VR273.1K-3E80M/4D**	19438	40	
	3,8	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
Ø180	1.4	**M8 (5m)**	0.25	10	224	**137,94**	**VR273.1K-3E71M/4C**	26017	33	368
	1.6	**M8 (5m)**	0.37	11	290	**120,49**	**VR273.1K-3E71M/4D**	24670	35	
	1.7	**M8 (5m)**	0.37	12	273	**113,02**	**VR273.1K-3E71M/4D**	24249	35	
	2.1	**M8 (5m)**	0.37	15	217	**96,09**	**VR273.1K-3E71M/4D**	22779	35	
	2.4	**M8 (5m)**	0.55	17	282	**83,46**	**VR273.1K-3E80M/4C**	21533	38	
	2.8	**M8 (5m)**	0.55	20	247	**73,03**	**VR273.1K-3E80M/4C**	20783	38	
	3.4	**M8 (5m)**	0.75	24	280	**60,39**	**VR273.1K-3E80M/4D**	19438	40	
	4.1	**M8 (5m)**	0.75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	5,6	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	103	370
	6,4	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	103	
	7,6	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	107	
	8,1	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	107	
	9,6	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	107	
	11,0	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	46685	110	
	12,5	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	110	
	14,2	**M7 (4m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	50346	110	
	16,5	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	117	
	18,8	**M7 (4m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	50379	117	
	22,7	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	128	
	27,5	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	138	
	13,3	**M8 (5m)**	3,0	25	1089	**58,36**	**VR573.1K-3E100L/4D**	76851	180	371
	15,0	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	187	
	18,3	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	187	
	20,7	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	197	
	23,3	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	197	
	27,6	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	207	
Ø180	5,9	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-90L/4-L02**	43107	103	370
	6,7	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-90L/4-L02**	44393	103	
	8,1	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-100L/4a-L04**	44091	107	
	8,5	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-100L/4a-L04**	45228	107	
	10,1	**M7 (4m)**	2,2	18	1100	**81,00**	**VR473.1K-100L/4a-L04**	49870	107	
	11,6	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-100L/4b-L04**	49343	110	
	13,3	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-100L/4b-L04**	49876	110	
	15,1	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-112M/4-L05**	49389	117	
	17,4	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-112M/4-L05**	49917	117	
	19,9	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-132S/4-L10**	49286	128	
	24,1	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-132S/4-L10**	51856	128	
	29,1	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-132M/4-L10**	51208	138	
	9,3	**M8 (5m)**	2,2	16	1196	**87,90**	**VR573.1K-3E100L/4C**	72098	177	371
	10,6	**M8 (5m)**	2,2	19	1058	**77,63**	**VR573.1K-3E100L/4C**	74293	177	
	11,9	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	180	
	14,0	**M8 (5m)**	3,0	25	1089	**58,36**	**VR573.1K-3E100L/4D**	76851	180	
	15,9	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	187	
	19,4	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	187	
	21,9	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	197	
	24,7	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	197	
	29,3	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	207	
Ø190	6,3	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	103	370
	7,1	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	103	
	8,5	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	107	
	9,0	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	107	
	10,7	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	110	
	12,3	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	110	
	14,0	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	110	
	15,9	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	117	
	18,4	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	117	
	21,0	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	128	
	25,4	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	128	
	30,7	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	138	
	9,8	**M8 (5m)**	2,2	16	1196	**87,90**	**VR573.1K-3E100L/4C**	72098	177	371
	11,1	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	180	
	12,5	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	180	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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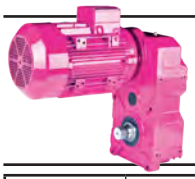
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø190	14,8	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	187	371
	16,8	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	187	
	20,4	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	197	
	23,1	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	197	
	26,0	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	197	
	30,9	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	207	
Ø200	6,6	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	103	370
	7,5	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	107	
	9,0	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	107	
	9,5	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	107	
	11,2	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	110	
	12,9	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	110	
	14,7	**M7 (4m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	48788	117	
	16,8	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	117	
	19,4	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	117	
	22,1	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	127	
	26,7	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50648	127	
	32,3	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	137	
	8,5	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	177	371
	10,4	**M8 (5m)**	2,2	16	1196	**87,90**	**VR573.1K-3E100L/4C**	72098	177	
	11,7	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	180	
	13,2	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	180	
	15,6	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	187	
	17,6	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	187	
	21,5	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	197	
	24,4	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	197	
	27,4	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	207	
	32,5	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	207	
Ø210	6,9	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	103	370
	7,9	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	107	
	9,4	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	107	
	10,0	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	107	
	11,8	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	110	
	13,5	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	110	
	15,5	**M7 (4m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	48788	117	
	17,6	**M6 (3m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	51793	117	
	20,3	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	127	
	23,2	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	127	
	28,1	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50648	137	
	34,0	**M5 (2m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	53215	137	
	7,5	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	177	371
	8,9	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	177	
	10,9	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	180	
	12,3	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	180	
	13,9	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	180	
	16,4	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	187	
	18,5	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	187	
	22,6	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	197	
	25,6	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	197	
	28,8	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	207	
	34,1	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	207	
Ø220	7,2	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	107	370
	8,2	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	107	
	9,9	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	107	
	10,4	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	107	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø220	12,4	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	110	370
	14,2	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	110	
	16,2	**M6 (3m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	117	
	18,4	**M6 (3m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	51793	117	
	21,3	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	127	
	24,3	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	127	
	29,4	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50648	137	
	35,6	**M5 (2m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	53215	137	
	6,1	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	173	371
	7,0	**M8 (5m)**	1,5	10	1322	**143,35**	**VR573.1K-3E90L/4D**	63206	173	
	7,9	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	177	
	9,3	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	177	
	11,4	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	180	
	12,9	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	180	
	14,5	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	180	
	17,2	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	187	
	19,4	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	187	
	23,7	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	197	
	26,8	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	197	
	30,1	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	207	
	35,8	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	207	
Ø230	7,6	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	107	370
	8,6	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	107	
	10,3	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	107	
	10,9	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	110	
	12,9	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	110	
	14,8	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	117	
	16,9	**M6 (3m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	117	
	19,3	**M6 (3m)**	4,0	27	1857	**54,35**	**VR473.1K-3E132S/4C**	50357	117	
	22,3	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	127	
	25,4	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	127	
	30,8	**M5 (2m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	52775	137	
	6,4	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	177	371
	7,3	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	177	
	8,3	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	177	
	9,8	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	177	
	11,9	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	180	
	13,5	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	180	
	15,2	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	187	
	17,9	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	187	
	20,3	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	197	
	24,7	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	197	
	28,0	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	207	
	31,5	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	207	
	37,4	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	265	
Ø240	7,9	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	107	370
	9,0	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	107	
	10,8	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	46330	110	
	11,4	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	110	
	13,5	**M6 (3m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	51728	110	
	15,5	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	117	
	17,7	**M6 (3m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	117	
	20,1	**M6 (3m)**	5,5	27	1857	**54,35**	**VR473.1K-3E132S/4C**	50357	127	
	23,2	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	127	
	26,5	**M5 (2m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	53672	127	
	32,1	**M5 (2m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	52775	137	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø240	6,7	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	173	371
	7,6	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	177	
	8,6	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	177	
	10,2	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	177	
	12,4	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	180	
	14,1	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	180	
	15,8	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	187	
	18,7	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	187	
	21,2	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	197	
	25,8	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	197	
	29,2	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	207	
	32,9	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	207	
	39,0	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	265	

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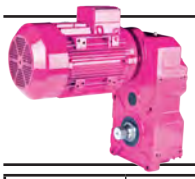
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	1,6	**M8 (5m)**	0,37	10	309	**137,94**	**VR2373.1K-3E71M/4D**	25116	35	368
	1,9	**M8 (5m)**	0,55	12	399	**120,49**	**VR2373.1K-3E80M/4C**	23616	38	
	2,0	**M8 (5m)**	0,55	13	375	**113,02**	**VR2373.1K-3E80M/4C**	23234	38	
	2,4	**M8 (5m)**	0,55	15	320	**96,09**	**VR2373.1K-3E80M/4C**	22283	38	
	2,7	**M8 (5m)**	0,75	17	380	**83,46**	**VR2373.1K-3E80M/4D**	21056	40	
	3,1	**M8 (5m)**	0,75	20	334	**73,03**	**VR2373.1K-3E80M/4D**	20358	40	
	3,8	**M8 (5m)**	1,1	24	406	**60,39**	**VR2373.1K-3E90S/4C**	18852	45	
	4,5	**M8 (5m)**	1,1	29	340	**50,36**	**VR2373.1K-3E90S/4C**	18036	45	
	5,4	**M7 (4m)**	1,5	34	390	**42,22**	**VR2373.1K-3E90L/4D**	21040	49	
	6,3	**M8 (5m)**	1,5	40	338	**36,38**	**VR2373.1K-3E90L/4D**	16237	49	
	7,5	**M8 (5m)**	2,2	48	414	**30,34**	**VR2373.1K-3E100L/4C**	14986	55	
	8,9	**M7 (4m)**	2,2	57	348	**25,44**	**VR2373.1K-3E100L/4C**	18017	55	
Ø110	1,8	**M7 (4m)**	0,55	10	459	**137,94**	**VR2373.1K-3E80M/4C**	30525	38	368
	2,1	**M7 (4m)**	0,55	12	399	**120,49**	**VR2373.1K-3E80M/4C**	29387	38	
	2,2	**M7 (4m)**	0,55	13	375	**113,02**	**VR2373.1K-3E80M/4C**	28896	38	
	2,6	**M7 (4m)**	0,75	15	436	**96,09**	**VR2373.1K-3E80M/4D**	27195	40	
	3,0	**M7 (4m)**	0,75	17	380	**83,46**	**VR2373.1K-3E80M/4D**	26224	40	
	3,4	**M6 (3m)**	1,1	20	489	**73,03**	**VR2373.1K-3E90S/4C**	30705	45	
	4,1	**M6 (3m)**	1,1	24	406	**60,39**	**VR2373.1K-3E90S/4C**	29232	45	
	5,0	**M6 (3m)**	1,1	29	340	**50,36**	**VR2373.1K-3E90S/4C**	27865	45	
	5,9	**M6 (3m)**	1,5	34	390	**42,22**	**VR2373.1K-3E90L/4D**	26150	49	
	6,9	**M7 (4m)**	1,5	40	338	**36,38**	**VR2373.1K-3E90L/4D**	20266	49	
	8,3	**M7 (4m)**	2,2	48	414	**30,34**	**VR2373.1K-3E100L/4C**	18801	55	
	9,8	**M7 (4m)**	2,2	57	348	**25,44**	**VR2373.1K-3E100L/4C**	18017	55	
	2,1	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-3E80M/4C**	22649	61	369
	2,3	**M8 (5m)**	0,55	14	360	**106,69**	**VR373.1K-3E80M/4C**	21885	61	
	2,7	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	3,2	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	62	
	3,7	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	65	
	4,3	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	65	
	4,8	**M8 (5m)**	1,1	28	357	**52,30**	**VR373.1K-3E90S/4C**	17448	65	
	6,0	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	67	
	7,1	**M8 (5m)**	1,5	41	332	**35,49**	**VR373.1K-3E90L/4D**	15482	67	
	7,8	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	73	
	9,1	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	73	
	10,6	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	76	
Ø120	2,0	**M6 (3m)**	0,55	10	459	**137,94**	**VR2373.1K-3E80M/4C**	37839	38	368
	2,3	**M6 (3m)**	0,55	12	399	**120,49**	**VR2373.1K-3E80M/4C**	36388	38	
	2,4	**M5 (2m)**	0,55	13	375	**113,02**	**VR2373.1K-3E80M/4C**	44397	38	
	2,8	**M5 (2m)**	0,75	15	436	**96,09**	**VR2373.1K-3E80M/4D**	41959	40	
	3,3	**M5 (2m)**	0,75	17	380	**83,46**	**VR2373.1K-3E80M/4D**	40377	40	
	3,7	**M5 (2m)**	1,1	20	489	**73,03**	**VR2373.1K-3E90S/4C**	38277	45	
	4,5	**M5 (2m)**	1,1	24	406	**60,39**	**VR2373.1K-3E90S/4C**	36385	45	
	5,4	**M5 (2m)**	1,5	29	464	**50,36**	**VR2373.1K-3E90L/4D**	34127	49	
	6,5	**M4 (1Am)**	1,5	34	390	**42,22**	**VR2373.1K-3E90L/4D**	40483	49	
	7,5	**M7 (4m)**	2,2	40	495	**36,38**	**VR2373.1K-3E100L/4C**	19615	55	
	9,0	**M7 (4m)**	2,2	48	414	**30,34**	**VR2373.1K-3E100L/4C**	18801	55	
	10,7	**M6 (4m)**	3,0	57	475	**25,44**	**VR2373.1K-3E100L/4D**	21883	59	
	2,2	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-3E80M/4C**	22649	61	369
	2,6	**M8 (5m)**	0,55	14	360	**106,69**	**VR373.1K-3E80M/4C**	21885	61	
	2,9	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	3,4	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	62	
	4,1	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	65	
	4,7	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	65	
	5,2	**M8 (5m)**	1,1	28	357	**52,30**	**VR373.1K-3E90S/4C**	17448	65	
	6,6	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	67	
	7,7	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	73	
	8,5	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	73	
	9,9	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	73	

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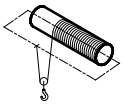

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø120	11,6	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	76	369
Ø130	2,4	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-3E80M/4C**	22649	61	369
	2,8	**M8 (5m)**	0,75	13	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	
	3,1	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	3,7	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	65	
	4,4	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	65	
	5,1	**M8 (5m)**	1,1	24	393	**57,79**	**VR373.1K-3E90S/4C**	17892	65	
	5,7	**M8 (5m)**	1,5	27	486	**52,30**	**VR373.1K-3E90L/4D**	17019	67	
	7,1	**M8 (5m)**	1,5	34	386	**41,42**	**VR373.1K-3E90L/4D**	16088	67	
	8,3	**M8 (5m)**	2,2	39	487	**35,49**	**VR373.1K-3E100L/4C**	14969	73	
	9,2	**M8 (5m)**	2,2	44	441	**32,11**	**VR373.1K-3E100L/4C**	14631	73	
	10,7	**M8 (5m)**	3,0	51	515	**27,53**	**VR373.1K-3E100L/4D**	13658	76	
	12,5	**M8 (5m)**	3,0	59	442	**23,58**	**VR373.1K-3E100L/4D**	13202	76	
Ø140	2,6	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	62	369
	3,0	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	
	3,4	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	4,0	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	65	
	4,7	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	65	
	5,5	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	67	
	6,1	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	67	
	7,7	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	73	
	9,0	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	73	
	9,9	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	73	
	11,6	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	76	
	13,5	**M7 (4m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	16552	76	
Ø150	2,8	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	62	369
	3,2	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	
	3,6	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	65	
	4,3	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	65	
	5,1	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	65	
	5,9	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	67	
	6,5	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	67	
	8,2	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	73	
	9,6	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	73	
	10,6	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14100	76	
	12,4	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	76	
	14,5	**M7 (4m)**	4,0	59	590	**23,58**	**VR373.1K-3E112M/4D**	16552	80	
Ø160	3,0	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	62	369
	3,4	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	
	3,9	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	65	
	4,6	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	65	
	5,4	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	67	
	6,3	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	67	
	7,0	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	67	
	8,8	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	73	
	10,3	**M7 (4m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	18757	73	
	11,3	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	76	
	13,2	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	76	
	15,4	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	80	
Ø170	3,2	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	62	369
	3,6	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	65	
	4,1	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	65	
	4,9	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	65	
	5,7	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	67	
	6,7	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	67	
	7,4	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	16268	73	
	9,3	**M7 (4m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	19459	73	

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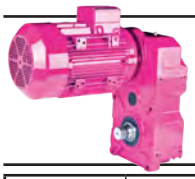

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	10,9	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	76	369
	12,1	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	76	
	14,1	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	76	
	16,4	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	80	
Ø180	3,4	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	3,8	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	4,3	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	5,2	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	6,1	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	7,1	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	7,8	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	9,9	**M7 (4m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	19459	70	
	11,5	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	12,8	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	14,9	**M7 (4m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	16599	77	
	17,4	**M6 (3m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	20128	77	

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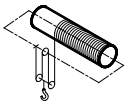

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,8	**M8 (5m)**	0,18	10	161	**137,94**	**VR273.1K-G63/4b**	26276	29	368
	0,9	**M8 (5m)**	0,25	12	183	**120,49**	**VR273.1K-3E71M/4C**	24585	33	
	1,0	**M8 (5m)**	0,25	13	172	**113,02**	**VR273.1K-3E71M/4C**	24148	33	
	1,2	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-3E71M/4D**	22779	35	
	1,3	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-3E71M/4D**	21913	35	
	1,5	**M8 (5m)**	0,37	20	166	**73,03**	**VR273.1K-3E71M/4D**	21117	35	
	1,9	**M8 (5m)**	0,55	24	203	**60,39**	**VR273.1K-3E80M/4C**	19691	38	
	2,3	**M8 (5m)**	0,55	29	170	**50,36**	**VR273.1K-3E80M/4C**	18738	38	
	2,7	**M8 (5m)**	0,75	34	195	**42,22**	**VR273.1K-3E80M/4D**	17633	40	
	3,1	**M8 (5m)**	0,75	40	169	**36,38**	**VR273.1K-3E80M/4D**	16935	40	
	3,8	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	4,5	**M8 (5m)**	1,1	57	174	**25,44**	**VR273.1K-3E90S/4C**	15118	45	
Ø110	0,8	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-3E71M/4C**	26017	33	368
	1,0	**M8 (5m)**	0,25	12	183	**120,49**	**VR273.1K-3E71M/4C**	24585	33	
	1,1	**M8 (5m)**	0,25	13	172	**113,02**	**VR273.1K-3E71M/4C**	24148	33	
	1,3	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-3E71M/4D**	22779	35	
	1,5	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-3E71M/4D**	21913	35	
	1,7	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-3E80M/4C**	20783	38	
	2,1	**M8 (5m)**	0,55	24	203	**60,39**	**VR273.1K-3E80M/4C**	19691	38	
	2,5	**M8 (5m)**	0,55	29	170	**50,36**	**VR273.1K-3E80M/4C**	18738	38	
	3,0	**M8 (5m)**	0,75	34	195	**42,22**	**VR273.1K-3E80M/4D**	17633	40	
	3,4	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	4,1	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	4,9	**M8 (5m)**	1,1	57	174	**25,44**	**VR273.1K-3E90S/4C**	15118	45	
Ø120	0,9	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-3E71M/4C**	26017	33	368
	1,1	**M8 (5m)**	0,25	12	183	**120,49**	**VR273.1K-3E71M/4C**	24585	33	
	1,2	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-3E71M/4D**	23807	35	
	1,4	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-3E71M/4D**	22779	35	
	1,6	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-3E71M/4D**	21913	35	
	1,9	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-3E80M/4C**	20783	38	
	2,3	**M8 (5m)**	0,55	24	203	**60,39**	**VR273.1K-3E80M/4C**	19691	38	
	2,7	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	3,2	**M8 (5m)**	0,75	34	195	**42,22**	**VR273.1K-3E80M/4D**	17633	40	
	3,8	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	4,5	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	5,4	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	
Ø130	1,0	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-3E71M/4C**	26017	33	368
	1,2	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-3E71M/4D**	24222	35	
	1,3	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-3E71M/4D**	23807	35	
	1,5	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-3E71M/4D**	22779	35	
	1,8	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-3E80M/4C**	21533	38	
	2,0	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-3E80M/4C**	20783	38	
	2,5	**M8 (5m)**	0,55	24	203	**60,39**	**VR273.1K-3E80M/4C**	19691	38	
	2,9	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	3,5	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	4,1	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	4,9	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	5,8	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	
Ø140	1,1	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-3E71M/4C**	26017	33	368
	1,3	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-3E71M/4D**	24222	35	
	1,4	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-3E71M/4D**	23807	35	
	1,6	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-3E71M/4D**	22779	35	
	1,9	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-3E80M/4C**	21533	38	
	2,2	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-3E80M/4C**	20783	38	
	2,6	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	3,2	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	3,8	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	4,4	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	5,3	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	

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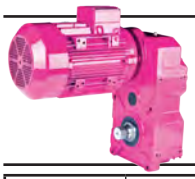

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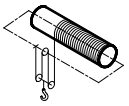

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø140	6,3	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	53	368
Ø150	1,1	**M8 (5m)**	0,37	10	331	**137,94**	**VR273.1K-3E71M/4D**	25574	35	368
	1,4	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-3E71M/4D**	24222	35	
	1,5	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-3E71M/4D**	23807	35	
	1,8	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-3E80M/4C**	22343	38	
	2,0	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-3E80M/4C**	21533	38	
	2,3	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-3E80M/4C**	20783	38	
	2,8	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	3,4	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	4,0	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	4,7	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	5,6	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	6,7	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	
Ø160	1,2	**M8 (5m)**	0,37	10	331	**137,94**	**VR273.1K-3E71M/4D**	26017	35	368
	1,5	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-3E71M/4D**	25058	35	
	1,6	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-3E71M/4D**	24249	35	
	1,9	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-3E80M/4C**	22779	38	
	2,2	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-3E80M/4C**	21533	38	
	2,5	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-3E80M/4C**	20783	38	
	3,0	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19747	40	
	3,6	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18483	45	
	4,3	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	5,0	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16609	49	
	6,0	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15841	49	
Ø170	1.3	**M8 (5m)**	0.37	10	331	**137,94**	**VR273.1K-3E71M/4D**	25574	35	368
	1.6	**M8 (5m)**	0.37	12	271	**120,49**	**VR273.1K-3E71M/4D**	24222	35	
	1.7	**M8 (5m)**	0.55	13	379	**113,02**	**VR273.1K-3E80M/4C**	23296	38	
	2.0	**M8 (5m)**	0.55	15	323	**96,09**	**VR273.1K-3E80M/4C**	22343	38	
	2.3	**M8 (5m)**	0.55	17	282	**83,46**	**VR273.1K-3E80M/4C**	21533	38	
	2.6	**M8 (5m)**	0.75	20	337	**73,03**	**VR273.1K-3E80M/4D**	20412	40	
	3.2	**M8 (5m)**	0.75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
Ø180	1.4	**M8 (5m)**	0.37	10	331	**137,94**	**VR273.1K-3E71M/4D**	25574	35	368
	1.7	**M8 (5m)**	0.37	12	271	**120,49**	**VR273.1K-3E71M/4D**	24222	35	
	1.8	**M8 (5m)**	0.55	13	379	**113,02**	**VR273.1K-3E80M/4C**	23296	38	
	2.1	**M8 (5m)**	0.55	15	323	**96,09**	**VR273.1K-3E80M/4C**	22343	38	
	2.4	**M8 (5m)**	0.55	17	282	**83,46**	**VR273.1K-3E80M/4C**	21533	38	
	2.8	**M8 (5m)**	0.75	20	337	**73,03**	**VR273.1K-3E80M/4D**	20412	40	
	3.4	**M8 (5m)**	0.75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	

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**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
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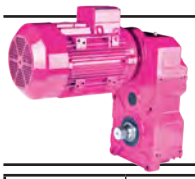
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	5,6	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	104	370
	6,4	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	107	
	7,6	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	107	
	8,1	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	107	
	9,6	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	110	
	11,0	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	110	
	12,6	**M6 (3m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	51364	117	
	14,3	**M6 (3m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	51795	117	
	16,5	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	127	
	18,8	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	127	
	22,8	**M6 (3m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	50654	137	
	27,5	**M5 (2m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	53215	137	
	4,7	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	173	371
	5,4	**M8 (5m)**	1,5	10	1322	**143,35**	**VR573.1K-3E90L/4D**	63206	173	
	6,1	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	177	
	7,2	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	177	
	8,8	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	180	
	10,0	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	180	
	11,2	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	180	
	13,4	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76226	187	
	15,0	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	187	
	18,3	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	197	
	20,7	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	197	
	23,4	**M8 (5m)**	7,5	44	1554	**33,46**	**VR573.1K-3E132M/4D**	79263	207	
	27,6	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	207	
Ø180	5,9	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	107	370
	6,7	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	107	
	8,1	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	107	
	8,5	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	110	
	10,1	**M6 (3m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	51728	110	
	11,6	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	117	
	13,3	**M6 (3m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	51364	117	
	15,2	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	50368	117	
	17,4	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	127	
	19,9	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	127	
	24,2	**M5 (2m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	52780	137	
	29,1	**M5 (2m)**	11	51	1942	**28,45**	**VR473.1K-3E160M/4C**	51463	194	
	5,0	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	173	371
	5,7	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	177	
	6,5	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	177	
	7,6	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	177	
	9,3	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	180	
	10,6	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	180	
	11,9	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	187	
	14,1	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76226	187	
	15,9	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	197	
	19,4	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	197	
	21,9	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	207	
	24,8	**M8 (5m)**	7,5	44	1554	**33,46**	**VR573.1K-3E132M/4D**	79263	207	
	29,3	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	264	
Ø190	6,3	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	107	370
	7,1	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	107	
	8,5	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	46330	110	
	9,0	**M6 (3m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	50784	110	
	10,7	**M6 (3m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	51728	110	
	12,3	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	117	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø190	14,1	**M6 (3m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	51364	117	370
	16,0	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	50368	127	
	18,4	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	127	
	21,0	**M5 (2m)**	7,5	35	1929	**41,50**	**VR473.1K-3E132M/4D**	52214	127	
	25,5	**M5 (2m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	52780	137	
	30,7	**M5 (2m)**	11	51	1942	**28,45**	**VR473.1K-3E160M/4C**	51463	194	
	5,3	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	173	371
	6,0	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	177	
	6,8	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	177	
	8,1	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	177	
	9,8	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	180	
	11,1	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	180	
	12,5	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	187	
	14,9	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76226	187	
	16,8	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	197	
	20,4	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	197	
	23,1	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	207	
	26,1	**M8 (5m)**	7,5	44	1554	**33,46**	**VR573.1K-3E132M/4D**	79263	207	
	30,9	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	265	
Ø200	6,6	**M4 (1Am)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	62680	107	370
	7,5	**M4 (1Am)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	61509	107	
	9,0	**M4 (1Am)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	59115	110	
	9,5	**M4 (1Am)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	58800	110	
	11,2	**M4 (1Am)**	4,0	18	2000	**81,00**	**VR473.1K-3E112M/4D**	56972	110	
	5,6	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	173	371
	6,4	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	177	
	7,2	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	177	
	8,5	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	180	
	10,4	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	180	
	11,7	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	187	
	13,2	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	187	
	15,7	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	197	
	17,6	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	197	
	21,5	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	207	
	24,4	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	207	
	27,5	**M8 (5m)**	7,5	44	1554	**33,46**	**VR573.1K-3E132M/4D**	79263	207	
	32,5	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	265	
Ø210	5,8	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	177	371
	6,7	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	177	
	7,5	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	177	
	8,9	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	180	
	10,9	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	180	
	12,3	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	187	
	13,9	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	187	
	16,5	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	197	
	18,5	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	197	
	22,6	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	207	
	25,6	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	207	
	28,9	**M8 (5m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	207	
	34,1	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	265	
Ø220	6,1	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	177	371
	7,0	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	177	
	7,9	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	177	
	9,3	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	180	
	11,4	**M8 (5m)**	4,0	16	2175	**87,90**	**VR573.1K-3E112M/4D**	70510	187	
	12,9	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	187	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø220	14,5	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	371
	17,3	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	19,4	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	23,7	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	26,8	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	30,3	**M8 (5m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	35,8	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	
Ø230	6,4	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	177	371
	7,3	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	177	
	8,3	**M8 (5m)**	3,0	11	2344	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	9,8	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	180	
	11,9	**M8 (5m)**	4,0	16	2175	**87,90**	**VR573.1K-3E112M/4D**	70510	187	
	13,5	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	187	
	15,2	**M8 (5m)**	5,5	21	2355	**69,00**	**VR573.1K-3E132S/4C**	73828	197	
	18,1	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	197	
	20,3	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	197	
	24,7	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	207	
	28,0	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	207	
	31,6	**M8 (5m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	265	
	37,4	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	265	
Ø240	6,7	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	177	371
	7,6	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	177	
	8,6	**M8 (5m)**	3,0	11	2344	**126,81**	**VR573.1K-3E100L/4D**	65923	180	
	10,2	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	180	
	12,4	**M8 (5m)**	4,0	16	2175	**87,90**	**VR573.1K-3E112M/4D**	70510	187	
	14,1	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	187	
	15,8	**M8 (5m)**	5,5	21	2355	**69,00**	**VR573.1K-3E132S/4C**	73828	197	
	18,9	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	197	
	21,2	**M8 (5m)**	7,5	28	2411	**51,97**	**VR573.1K-3E132M/4D**	75826	207	
	25,8	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	207	
	29,2	**M8 (5m)**	11	39	2569	**37,64**	**VR573.1K-3E160M/4C**	76869	265	
	33,0	**M8 (5m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	265	
	39,0	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	265	

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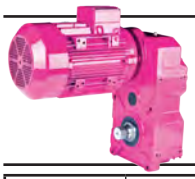
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø130	2,4	**M8 (5m)**	1,1	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	62	369
	2,8	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	65	
	3,1	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	65	
	3,7	**M8 (5m)**	1,5	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	65	
	4,4	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	67	
	5,1	**M8 (5m)**	2,2	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	67	
	5,7	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	16268	73	
	7,1	**M8 (5m)**	3,0	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	73	
	8,3	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	76	
	9,2	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	76	
	10,7	**M7 (4m)**	4,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	76	
	12,6	**M7 (4m)**	4,0	62	586	**23,58**	**VR373.1K-3E112M/4D**	16040	80	
	8,6	**M8 (5m)**	3,0	42	643	**34,28**	**VR473.1K-3E100L/4D**	49419	110	370
	10,4	**M8 (5m)**	3,0	51	535	**28,45**	**VR473.1K-3E100L/4D**	49731	117	
Ø140	2,6	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	62	369
	3,0	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	65	
	3,4	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	65	
	4,0	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	65	
	4,7	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	67	
	5,5	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	67	
	6,1	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	73	
	7,7	**M7 (4m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	19459	73	
	9,0	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	76	
	9,9	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	76	
	11,6	**M7 (4m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	16599	80	
	13,6	**M6 (3m)**	4,0	62	586	**23,58**	**VR373.1K-3E112M/4D**	20096	80	
	5,9	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	107	370
	6,7	**M8 (5m)**	2,2	31	649	**47,37**	**VR473.1K-3E100L/4C**	49234	107	
	7,7	**M8 (5m)**	2,2	35	570	**41,50**	**VR473.1K-3E100L/4C**	49635	107	
	9,3	**M8 (5m)**	3,0	42	643	**34,28**	**VR473.1K-3E100L/4D**	49419	110	
	11,2	**M8 (5m)**	4,0	51	713	**28,45**	**VR473.1K-3E112M/4D**	49225	117	
Ø150	2,8	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	65	369
	3,2	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	3,6	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	4,3	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	67	
	5,1	**M7 (4m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	22632	67	
	5,9	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	73	
	6,5	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	73	
	8,2	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	19459	73	
	9,6	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	76	
	10,6	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	76	
	12,4	**M6 (3m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	20857	80	
	14,6	**M6 (3m)**	4,0	62	586	**23,58**	**VR373.1K-3E112M/4D**	20096	80	
	4,8	**M8 (5m)**	1,5	21	655	**70,59**	**VR473.1K-3E90L/4D**	48543	107	370
	5,5	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	107	
	6,3	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	107	
	7,2	**M8 (5m)**	2,2	31	649	**47,37**	**VR473.1K-3E100L/4C**	49234	107	
	8,2	**M8 (5m)**	2,2	35	570	**41,50**	**VR473.1K-3E100L/4C**	49635	107	
	10,0	**M8 (5m)**	3,0	42	643	**34,28**	**VR473.1K-3E100L/4D**	49419	110	
	12,0	**M8 (5m)**	4,0	51	713	**28,45**	**VR473.1K-3E112M/4D**	49225	117	
Ø160	3,0	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	65	369
	3,4	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	65	
	3,9	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	65	
	4,6	**M7 (4m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	23507	67	
	5,4	**M7 (4m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	22632	67	

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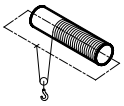

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø160	6,3	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	71	369
	7,0	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	71	
	8,8	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	19459	74	
	10,3	**M6 (3m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	74	
	11,3	**M6 (3m)**	4,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	74	
	13,2	**M6 (3m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	20857	80	
	15,6	**M6 (3m)**	5,5	62	586	**23,58**	**VR373.1K-3E112M/4D**	20096	90	
	4,5	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	107	370
	5,2	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	107	
	5,9	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	107	
	6,7	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	107	
	7,7	**M8 (5m)**	2,2	31	649	**47,37**	**VR473.1K-3E100L/4C**	49234	107	
	8,8	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	110	
	10,6	**M8 (5m)**	3,0	42	643	**34,28**	**VR473.1K-3E100L/4D**	49419	110	
	12,8	**M8 (5m)**	4,0	51	713	**28,45**	**VR473.1K-3E112M/4D**	49225	117	
Ø170	3,2	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	65	369
	3,6	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	65	
	4,1	**M7 (4m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	24440	67	
	4,9	**M7 (4m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	23507	67	
	5,7	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	21667	73	
	6,7	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	73	
	7,4	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	73	
	9,3	**M6 (3m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	23590	76	
	10,9	**M6 (3m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	22766	76	
	12,1	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	80	
	14,1	**M6 (3m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	20857	80	
	16,5	**M5 (2m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	24468	90	
	3,8	**M8 (5m)**	1,1	14	687	**101,48**	**VR473.1K-90S/4-L02**	46039	103	370
	4,0	**M8 (5m)**	1,1	15	650	**95,87**	**VR473.1K-90S/4-L02**	47071	103	
	4,8	**M8 (5m)**	1,5	18	750	**81,00**	**VR473.1K-100L/4a-L04**	47998	107	
	5,5	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-100L/4a-L04**	47676	107	
	6,3	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-100L/4a-L04**	48265	107	
	7,1	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-100L/4a-L04**	48786	107	
	8,2	**M8 (5m)**	2,2	31	649	**47,37**	**VR473.1K-100L/4a-L04**	49234	107	
	9,3	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-100L/4b-L04**	49048	110	
	11,3	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-100L/4b-L04**	48811	110	
	13,6	**M8 (5m)**	4,0	51	713	**28,45**	**VR473.1K-112M/4-L05**	49225	117	
Ø180	3,4	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	65	369
	3,8	**M7 (4m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	25966	65	
	4,3	**M7 (4m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	24440	67	
	5,2	**M7 (4m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	23507	67	
	6,1	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	21667	73	
	7,1	**M6 (3m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	26295	73	
	7,8	**M6 (3m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	25686	73	
	9,9	**M6 (3m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	23590	76	
	11,5	**M6 (3m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	22034	80	
	12,8	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	80	
	4,0	**M8 (5m)**	1,1	14	687	**101,48**	**VR473.1K-3E90S/4C**	46039	102	370
	4,3	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	104	
	5,1	**M8 (5m)**	1,5	18	750	**81,00**	**VR473.1K-3E90L/4D**	47998	107	
	5,8	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	107	
	6,6	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	107	
	7,5	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	107	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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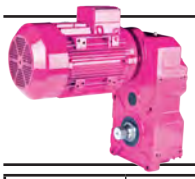
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø180	8,7	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	110	370
	9,9	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	110	
	12,0	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	117	
	14,4	**M8 (5m)**	4,0	51	713	**28,45**	**VR473.1K-3E112M/4D**	49225	117	
Ø190	3,6	**M7 (4m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	26779	65	369
	4,1	**M7 (4m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	25966	65	
	4,6	**M7 (4m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	24440	67	
	5,5	**M7 (4m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	23507	67	
	6,4	**M6 (3m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	27239	73	
	7,5	**M6 (3m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	26295	73	
	8,3	**M6 (3m)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	24827	76	
	10,4	**M6 (3m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	23590	76	
	12,2	**M6 (3m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	22034	80	
	13,5	**M5 (2m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	27177	80	
	3,1	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	102	370
	3,6	**M8 (5m)**	1,1	12	820	**121,49**	**VR473.1K-3E90S/4C**	45238	102	
	4,3	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	104	
	4,5	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	104	
	5,3	**M8 (5m)**	1,5	17	750	**81,00**	**VR473.1K-3E90L/4D**	47998	107	
	6,1	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	107	
	7,0	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	107	
	8,0	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	107	
	9,1	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	110	
	10,4	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	110	
	12,6	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	117	
	15,2	**M8 (5m)**	5,5	51	981	**28,45**	**VR473.1K-3E132S/4C**	48467	127	
Ø200	3,7	**M6 (3m)**	1,1	12	848	**121,67**	**VR373.1K-3E90S/4C**	33431	65	369
	4,3	**M6 (3m)**	1,5	14	1017	**106,69**	**VR373.1K-3E90L/4D**	31495	67	
	4,8	**M5 (2m)**	1,5	15	901	**94,32**	**VR373.1K-3E90L/4D**	38350	67	
	5,7	**M5 (2m)**	2,2	18	1114	**79,34**	**VR373.1K-3E100L/4C**	35580	73	
	6,8	**M5 (2m)**	2,2	21	950	**67,45**	**VR373.1K-3E100L/4C**	34244	73	
	7,9	**M5 (2m)**	2,2	25	815	**57,79**	**VR373.1K-3E100L/4C**	32982	73	
	8,7	**M5 (2m)**	3,0	28	1007	**52,30**	**VR373.1K-3E100L/4D**	31317	76	
	11,0	**M4 (1Am)**	3,0	35	801	**41,42**	**VR373.1K-3E100L/4D**	37091	76	
	12,8	**M4 (1Am)**	4,0	41	916	**35,49**	**VR373.1K-3E112M/4D**	34923	80	
	14,2	**M4 (1Am)**	4,0	45	830	**32,11**	**VR373.1K-3E112M/4D**	34080	80	
	3,3	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	102	370
	3,7	**M8 (5m)**	1,1	12	820	**121,49**	**VR473.1K-3E90S/4C**	45238	102	
	4,5	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	104	
	4,7	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	104	
	5,6	**M8 (5m)**	2,2	17	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	107	
	6,4	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	107	
	7,4	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	107	
	8,4	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	110	
	9,6	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	110	
	11,0	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	110	
	13,3	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	117	
	16,0	**M8 (5m)**	5,5	51	981	**28,45**	**VR473.1K-3E132S/4C**	48467	127	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø100	0,8	**M8 (5m)**	0,25	10	209	**137,94**	**VR273.1K-3E71M/4C**	25530	33	368
	0,9	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-3E71M/4D**	24222	35	
	1,0	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-3E71M/4D**	23807	35	
	1,2	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-3E71M/4D**	22779	35	
	1,4	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-3E80M/4C**	21474	38	
	1,6	**M8 (5m)**	0,55	20	245	**73,03**	**VR273.1K-3E80M/4C**	20726	38	
	1,9	**M8 (5m)**	0,55	24	203	**60,39**	**VR273.1K-3E80M/4C**	19691	38	
	2,3	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	2,7	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	3,1	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	3,8	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	4,5	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	
Ø110	0,9	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-3E71M/4D**	25116	35	368
	1,0	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-3E71M/4D**	24222	35	
	1,1	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-3E71M/4D**	23807	35	
	1,3	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-3E80M/4C**	22343	38	
	1,5	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-3E80M/4C**	21474	38	
	1,7	**M8 (5m)**	0,55	20	245	**73,03**	**VR273.1K-3E80M/4C**	20726	38	
	2,1	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	2,5	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	3,0	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	3,4	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	4,1	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	4,9	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	
Ø120	1,0	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-3E71M/4D**	25116	35	368
	1,1	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-3E71M/4D**	24222	35	
	1,2	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-3E71M/4D**	23807	35	
	1,4	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-3E80M/4C**	22343	38	
	1,6	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-3E80M/4C**	21474	38	
	1,9	**M8 (5m)**	0,55	20	245	**73,03**	**VR273.1K-3E80M/4C**	20726	38	
	2,3	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	2,7	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	3,2	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	3,8	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	4,5	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	5,4	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14399	55	
Ø130	1,1	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-3E71M/4D**	25116	35	368
	1,2	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-3E71M/4D**	24222	35	
	1,3	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	23296	38	
	1,5	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-3E80M/4C**	22343	38	
	1,8	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-3E80M/4C**	21474	38	
	2,0	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	2,5	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	2,9	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	3,5	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	4,1	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	4,9	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	5,8	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14399	55	
Ø140	1,1	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-3E71M/4D**	25116	35	368
	1,3	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	23678	38	
	1,4	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	23296	38	
	1,6	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-3E80M/4C**	22343	38	
	1,9	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-3E80M/4C**	21474	38	
	2,2	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	2,6	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	3,2	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	3,8	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	4,4	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	5,3	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	

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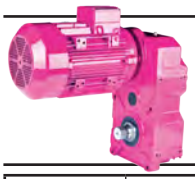

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø140	6,3	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14399	55	368
Ø150	1,2	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-3E71M/4D**	25116	35	368
	1,4	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	23678	38	
	1,5	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	23296	38	
	1,8	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-3E80M/4C**	22343	38	
	2,0	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21056	40	
	2,3	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	2,8	**M8 (5m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	18852	45	
	3,4	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	4,0	**M8 (5m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	16828	49	
	4,7	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
Ø160	1,3	**M8 (5m)**	0,55	10	459	**137,94**	**VR273.1K-3E80M/4C**	24496	38	368
	1,5	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	23678	38	
	1,6	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	23296	38	
	1,9	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-3E80M/4C**	22343	38	
	2,2	**M7 (4m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	26224	40	
	2,5	**M7 (4m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	25324	40	
	3,0	**M7 (4m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	23543	45	
	3,6	**M7 (4m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	22478	45	
	4,3	**M7 (4m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	21040	49	
	5,0	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
Ø170	1,4	**M7 (4m)**	0,55	10	459	**137,94**	**VR273.1K-3E80M/4C**	30525	38	368
	1,6	**M7 (4m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	29467	38	
	1,7	**M7 (4m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	28975	38	
	2,0	**M7 (4m)**	0,75	15	441	**96,09**	**VR273.1K-3E80M/4D**	27267	40	
	2,3	**M6 (3m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	32494	40	
Ø180	1.5	**M7 (4m)**	0.55	10	459	**137,94**	**VR273.1K-3E80M/4C**	30525	38	368
	1.7	**M7 (4m)**	0.55	12	403	**120,49**	**VR273.1K-3E80M/4C**	29467	38	
	1.8	**M7 (4m)**	0.55	13	379	**113,02**	**VR273.1K-3E80M/4C**	28975	38	
	2.1	**M7 (4m)**	0.75	15	441	**96,09**	**VR273.1K-3E80M/4D**	27267	40	
	2.5	**M6 (3m)**	0.75	17	380	**83,46**	**VR273.1K-3E80M/4D**	32494	40	

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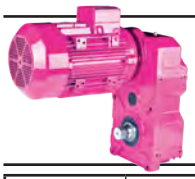
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø230	6,4	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	177	371
	7,3	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	180	
	8,3	**M8 (5m)**	3,0	11	2344	**126,81**	**VR573.1K-3E100L/4D**	65923	180	
	9,8	**M8 (5m)**	4,0	14	2630	**107,18**	**VR573.1K-3E112M/4D**	68017	187	
	12,0	**M8 (5m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	69151	187	
	13,6	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	197	
	15,3	**M7 (4m)**	5,5	21	2339	**69,00**	**VR573.1K-3E132S/4C**	79709	197	
	18,1	**M7 (4m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	79554	207	
	20,4	**M7 (4m)**	7,5	28	2403	**51,97**	**VR573.1K-3E132M/4D**	80785	207	
	24,9	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	265	
	28,2	**M6 (3m)**	11	39	2552	**37,64**	**VR573.1K-3E160M/4C**	85573	265	
	31,7	**M6 (3m)**	11	44	2272	**33,46**	**VR573.1K-3E160M/4C**	86236	265	
	37,5	**M6 (3m)**	15	52	2626	**28,30**	**VR573.1K-3E160L/4D**	85552	286	
	13,8	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	300	372
	15,8	**M8 (5m)**	5,5	22	2259	**66,59**	**VR673.1K-3E132S/4C**	115595	300	
	18,1	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	310	
Ø240	6,7	**M8 (5m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	54212	180	371
	7,6	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	180	
	8,6	**M8 (5m)**	3,0	11	2344	**126,81**	**VR573.1K-3E100L/4D**	65923	180	
	10,3	**M8 (5m)**	4,0	14	2630	**107,18**	**VR573.1K-3E112M/4D**	68017	187	
	12,5	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	197	
	14,2	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	197	
	15,9	**M7 (4m)**	5,5	21	2339	**69,00**	**VR573.1K-3E132S/4C**	79709	197	
	18,9	**M7 (4m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	79554	210	
	21,2	**M7 (4m)**	7,5	28	2403	**51,97**	**VR573.1K-3E132M/4D**	80785	210	
	26,0	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	267	
	29,4	**M6 (3m)**	11	39	2552	**37,64**	**VR573.1K-3E160M/4C**	85573	267	
	33,1	**M6 (3m)**	11	44	2272	**33,46**	**VR573.1K-3E160M/4C**	86236	267	
	39,1	**M6 (3m)**	15	52	2626	**28,30**	**VR573.1K-3E160L/4D**	85552	286	
	10,8	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	300	372
	12,5	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	300	
	14,4	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	300	
	16,5	**M8 (5m)**	5,5	22	2259	**66,59**	**VR673.1K-3E132S/4C**	115595	300	
	18,9	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	310	
Ø250	7,0	**M8 (5m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	54212	180	371
	7,9	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	180	
	9,0	**M8 (5m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	64656	180	
	10,7	**M8 (5m)**	4,0	14	2630	**107,18**	**VR573.1K-3E112M/4D**	68017	187	
	13,0	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	197	
	14,8	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	197	
	16,6	**M7 (4m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	78330	197	
	19,7	**M7 (4m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	79554	210	
	22,1	**M6 (3m)**	7,5	28	2403	**51,97**	**VR573.1K-3E132M/4D**	86002	210	
	27,1	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	267	
	30,7	**M6 (3m)**	11	39	2552	**37,64**	**VR573.1K-3E160M/4C**	85573	267	
	34,5	**M6 (3m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	84896	286	
	40,8	**M5 (2m)**	15	52	2626	**28,30**	**VR573.1K-3E160L/4D**	89706	286	
	11,2	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	297	372
	13,1	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	297	
	15,0	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	297	
	17,2	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	310	
	19,6	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	310	
Ø260	7,2	**M8 (5m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	54212	180	371
	8,3	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	180	
	9,3	**M8 (5m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	64656	187	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø260	11,1	**M7 (4m)**	4,0	14	2630	**107,18**	**VR573.1K-3E112M/4D**	76281	187	371
	13,6	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	197	
	15,4	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	197	
	17,3	**M7 (4m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	78330	207	
	20,5	**M6 (3m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	85242	207	
	23,0	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	207	
	28,2	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	267	
	31,9	**M6 (3m)**	11	39	2552	**37,64**	**VR573.1K-3E160M/4C**	85573	267	
	35,9	**M6 (3m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	84896	287	
	42,4	**M5 (2m)**	15	52	2626	**28,30**	**VR573.1K-3E160L/4D**	89706	287	
	9,9	**M8 (5m)**	4,0	12	2962	**119,86**	**VR673.1K-3E112M/4D**	108469	290	372
	11,7	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	300	
	13,6	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	300	
	15,6	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	300	
	17,9	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	310	
	20,4	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	310	
Ø270	7,5	**M8 (5m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	54212	177	371
	8,6	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	177	
	9,7	**M7 (4m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	11,5	**M7 (4m)**	4,0	14	2630	**107,18**	**VR573.1K-3E112M/4D**	76281	184	
	14,1	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	15,9	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	17,9	**M7 (4m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	78330	204	
	21,3	**M6 (3m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	85242	204	
	23,9	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	29,2	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	33,1	**M6 (3m)**	11	39	2552	**37,64**	**VR573.1K-3E160M/4C**	85573	261	
	37,3	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	44,0	**M5 (2m)**	15	52	2626	**28,30**	**VR573.1K-3E160L/4D**	89706	281	
	9,1	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	372
	10,3	**M8 (5m)**	4,0	12	2962	**119,86**	**VR673.1K-3E112M/4D**	108469	282	
	12,1	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	14,1	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	16,3	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	292	
	18,6	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	21,2	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø280	7,8	**M8 (5m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	54212	177	371
	8,9	**M7 (4m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	72265	177	
	10,1	**M7 (4m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	12,0	**M7 (4m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	74681	184	
	14,6	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	16,5	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	18,6	**M6 (3m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	22,1	**M6 (3m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	85242	204	
	24,8	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	30,3	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	34,3	**M5 (2m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	281	
	38,6	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	45,7	**M5 (2m)**	18,5	52	3239	**28,30**	**VR573.1K-3E180M/4C**	88712	281	
	7,9	**M8 (5m)**	3,0	9,0	2987	**161,66**	**VR673.1K-3E100L/4D**	102235	275	372
	9,5	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	10,6	**M8 (5m)**	4,0	12	2962	**119,86**	**VR673.1K-3E112M/4D**	108469	282	
	12,6	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	14,6	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	16,9	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	19,3	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	22,0	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø290	8,1	**M7 (4m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	67713	177	371
	9,2	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	10,4	**M7 (4m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	12,4	**M7 (4m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	15,1	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	17,1	**M6 (3m)**	7,5	19	3583	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	19,3	**M6 (3m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	22,9	**M6 (3m)**	11	25	3952	**58,36**	**VR573.1K-3E160M/4C**	83203	204	
	25,7	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	31,4	**M5 (2m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	90015	261	
	35,6	**M5 (2m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	281	
	40,0	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	47,3	**M5 (2m)**	18,5	52	3239	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	6,2	**M8 (5m)**	2,2	6,8	2876	**213,15**	**VR673.1K-3E100L/4C**	89277	272	372
	7,0	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	8,2	**M8 (5m)**	3,0	9,0	2987	**161,66**	**VR673.1K-3E100L/4D**	102235	275	
	9,8	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	11,0	**M8 (5m)**	4,0	12	2962	**119,86**	**VR673.1K-3E112M/4D**	108469	282	
	13,0	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	15,1	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	17,5	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	20,0	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	22,8	**M8 (5m)**	11	25	3965	**58,54**	**VR673.1K-3E160M/4C**	114463	302	
Ø300	8,3	**M7 (4m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	67713	177	371
	9,5	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	10,8	**M7 (4m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	12,8	**M7 (4m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	15,6	**M6 (3m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	84262	194	
	17,7	**M6 (3m)**	7,5	19	3583	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	19,9	**M6 (3m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	23,6	**M6 (3m)**	11	25	3952	**58,36**	**VR573.1K-3E160M/4C**	83203	261	
	26,6	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	32,5	**M5 (2m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	90015	261	
	36,8	**M5 (2m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	281	
	41,4	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	48,9	**M5 (2m)**	18,5	52	3239	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	6,4	**M8 (5m)**	2,2	6,8	2876	**213,15**	**VR673.1K-3E100L/4C**	89277	272	372
	7,2	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	8,4	**M8 (5m)**	3,0	9,0	2987	**161,66**	**VR673.1K-3E100L/4D**	102235	275	
	10,2	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	11,4	**M8 (5m)**	4,0	12	2962	**119,86**	**VR673.1K-3E112M/4D**	108469	282	
	13,5	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	15,7	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	18,1	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	20,7	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	23,6	**M8 (5m)**	11	25	3965	**58,54**	**VR673.1K-3E160M/4C**	114463	359	

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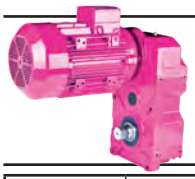

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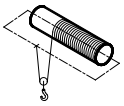

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	2,8	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	370
	3,2	**M8 (5m)**	1,1	12	820	**121,49**	**VR473.1K-3E90S/4C**	45238	99	
	3,8	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	4,0	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	
	4,8	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	5,5	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	6,3	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	7,1	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	8,2	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	9,4	**M8 (5m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	48313	114	
	11,4	**M8 (5m)**	4,0	43	852	**34,28**	**VR473.1K-3E112M/4D**	48808	114	
	13,7	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	124	
	11,6	**M8 (5m)**	4,0	44	832	**33,46**	**VR573.1K-3E112M/4D**	80454	184	371
	13,8	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	194	
Ø180	3,0	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	370
	3,4	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	4,0	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	4,3	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	
	5,1	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	5,8	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	6,6	**M8 (5m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	107	
	7,5	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	8,7	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	9,9	**M8 (5m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	48313	114	
	12,0	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	114	
	14,5	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	124	
	11,0	**M8 (5m)**	4,0	39	934	**37,64**	**VR573.1K-3E112M/4D**	79521	184	371
	12,3	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	14,6	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	194	
Ø190	3,1	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	370
	3,6	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	4,3	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	4,5	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	5,3	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	6,1	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	7,0	**M8 (5m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	107	
	8,0	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	9,1	**M8 (5m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	47728	114	
	10,5	**M7 (4m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	50379	114	
	12,7	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	15,3	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	124	
	10,2	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	184	371
	11,6	**M8 (5m)**	4,0	39	934	**37,64**	**VR573.1K-3E112M/4D**	79521	184	
	13,0	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	15,4	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	194	
Ø200	3,3	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	3,7	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	4,5	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	4,7	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	5,6	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	6,4	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø200	7,4	**M8 (5m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	107	370
	8,4	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	9,6	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	11,0	**M7 (4m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	50379	114	
	13,4	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	16,1	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	124	
	8,8	**M8 (5m)**	3,0	28	971	**51,97**	**VR573.1K-3E100L/4D**	78210	177	371
	10,8	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	184	
	12,2	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	13,7	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	16,2	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	194	
Ø210	3,5	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	3,9	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	4,7	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	5,0	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	5,9	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	6,8	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	46685	107	
	7,7	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	8,8	**M7 (4m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	50346	107	
	10,1	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	11,6	**M7 (4m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	50379	114	
	14,0	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	16,9	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	6,9	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	371
	8,2	**M8 (5m)**	3,0	25	1089	**58,36**	**VR573.1K-3E100L/4D**	76851	177	
	9,2	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	11,3	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	184	
	12,8	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	14,4	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	17,0	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	
Ø220	3,6	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	4,1	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	4,9	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	5,2	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	6,2	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	7,1	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	8,1	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	9,2	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	10,6	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	12,2	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	49286	124	
	14,7	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	124	
	17,7	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	7,3	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	73543	177	371
	8,6	**M8 (5m)**	3,0	25	1089	**58,36**	**VR573.1K-3E100L/4D**	75138	177	
	9,6	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	75648	184	
	11,8	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	76822	184	
	13,4	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	76931	194	
	15,1	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	78149	194	
	17,8	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	77985	204	
Ø230	3,8	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	4,3	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	5,2	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	5,5	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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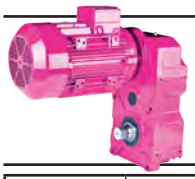
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø230	6,5	**M7 (4m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	49870	105	370
	7,4	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	8,5	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	9,6	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	11,1	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	12,7	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	49286	124	
	15,4	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	124	
	18,5	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	6,0	**M8 (5m)**	2,2	16	1196	**87,90**	**VR573.1K-3E100L/4C**	72098	174	371
	6,7	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	7,6	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	9,0	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	177	
	10,1	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	12,4	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	14,0	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	15,8	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	18,6	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	
Ø240	3,9	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	4,5	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	105	
	5,4	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	5,7	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	6,7	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	7,7	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	8,8	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	10,1	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	11,5	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	13,3	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	16,0	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	124	
	19,3	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	5,1	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	371
	6,2	**M8 (5m)**	2,2	16	1196	**87,90**	**VR573.1K-3E100L/4C**	72098	174	
	7,0	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	7,9	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	9,4	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	10,5	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	12,9	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	14,6	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	16,4	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	19,4	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,8	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-3E71M/4D**	25116	35	368
	0,9	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-3E71M/4D**	24222	35	
	1,0	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-3E71M/4D**	23807	35	
	1,2	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-3E80M/4C**	22283	38	
	1,4	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-3E80M/4C**	21474	38	
	1,6	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	1,9	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	2,3	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	2,7	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	3,1	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	3,8	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	4,5	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14399	55	
Ø110	0,9	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-3E71M/4D**	25116	35	368
	1,0	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	23678	38	
	1,1	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	23296	38	
	1,3	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-3E80M/4C**	22283	38	
	1,5	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-3E80M/4C**	21474	38	
	1,7	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	2,1	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	2,5	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	3,0	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	3,4	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	4,1	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	4,9	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14399	55	
Ø120	1,0	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-3E71M/4D**	25116	35	368
	1,1	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	23678	38	
	1,2	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	23296	38	
	1,4	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-3E80M/4C**	22283	38	
	1,6	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21056	40	
	1,9	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	2,3	**M8 (5m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	18852	45	
	2,7	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	3,2	**M8 (5m)**	1,2	34	312	**42,22**	**VR273.1K-3E90S/4C**	17150	45	
	3,8	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	4,5	**M8 (5m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	14986	55	
	5,4	**M7 (4m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	18017	55	
Ø130	1,1	**M8 (5m)**	0,55	10	459	**137,94**	**VR273.1K-3E80M/4C**	24496	38	368
	1,2	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	23678	38	
	1,3	**M7 (4m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	28975	38	
	1,5	**M7 (4m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	27195	40	
	1,8	**M7 (4m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	26224	40	
	2,0	**M7 (4m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	25324	40	
	2,5	**M7 (4m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	23543	45	
	2,9	**M7 (4m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	22478	45	
	3,5	**M6 (3m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	26150	49	
	4,1	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	4,9	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	5,8	**M7 (4m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	18017	55	
	1,2	**M8 (5m)**	0,55	12	413	**121,67**	**VR373.1K-3E80M/4C**	22710	60	369
	1,4	**M8 (5m)**	0,55	14	360	**106,69**	**VR373.1K-3E80M/4C**	21885	60	
	1,6	**M8 (5m)**	0,55	15	319	**94,32**	**VR373.1K-3E80M/4C**	21182	60	
	1,9	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	61	
	2,2	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	2,6	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	2,8	**M8 (5m)**	1,1	28	357	**52,30**	**VR373.1K-3E90S/4C**	17448	64	
	3,6	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	4,2	**M8 (5m)**	1,5	41	332	**35,49**	**VR373.1K-3E90L/4D**	15482	66	
	4,6	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	5,4	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	70	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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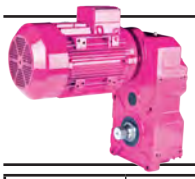

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø130	6,3	**M8 (5m)**	2,2	61	324	**23,58**	**VR373.1K-3E100L/4C**	13592	70	369
Ø140	1,1	**M6 (3m)**	0,55	10	459	**137,94**	**VR273.1K-3E80M/4C**	37839	38	368
	1,3	**M6 (3m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	36490	38	
	1,4	**M6 (3m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	35864	38	
	1,7	**M6 (3m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	33736	40	
	1,9	**M6 (3m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	32494	40	
	2,2	**M6 (3m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	30705	45	
	2,6	**M6 (3m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	29232	45	
	3,2	**M5 (2m)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	34127	49	
	3,8	**M5 (2m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	32573	49	
	4,4	**M7 (4m)**	2,2	40	495	**36,38**	**VR273.1K-3E100L/4C**	19615	55	
	5,3	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	6,3	**M7 (4m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	18017	55	
	1,3	**M8 (5m)**	0,55	12	413	**121,67**	**VR373.1K-3E80M/4C**	22710	60	369
	1,5	**M8 (5m)**	0,55	14	360	**106,69**	**VR373.1K-3E80M/4C**	21885	60	
	1,7	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	2,0	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	61	
	2,4	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	2,8	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	3,0	**M8 (5m)**	1,1	28	357	**52,30**	**VR373.1K-3E90S/4C**	17448	64	
	3,8	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	4,5	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	5,0	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	5,8	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	70	
	6,8	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø150	1,2	**M5 (2m)**	0,55	10	459	**137,94**	**VR273.1K-3E80M/4C**	47034	38	368
	1,4	**M5 (2m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	45319	38	
	1,5	**M5 (2m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	44525	38	
	1,8	**M5 (2m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	41959	40	
	2,0	**M5 (2m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	40377	40	
	2,3	**M5 (2m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	38277	45	
	2,8	**M4 (1Am)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	45192	45	
	3,4	**M4 (1Am)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	42467	49	
	4,0	**M4 (1Am)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	40483	49	
	1,4	**M8 (5m)**	0,55	12	413	**121,67**	**VR373.1K-3E80M/4C**	22710	60	369
	1,6	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,8	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	2,2	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	61	
	2,5	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	3,0	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	3,3	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	4,1	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	4,8	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	5,3	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	6,2	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	70	
	7,2	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø160	1,5	**M8 (5m)**	0,55	12	413	**121,67**	**VR373.1K-3E80M/4C**	22710	60	369
	1,7	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,9	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	2,3	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	2,7	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	3,2	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	3,5	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	4,4	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	16088	66	
	5,1	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	5,7	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	6,6	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø160	7,7	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	369
Ø170	1,6	**M8 (5m)**	0,75	12	564	**121,67**	**VR373.1K-3E80M/4D**	22213	61	369
	1,8	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	2,1	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	2,4	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	2,9	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	3,3	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	3,7	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	4,7	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	5,5	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	6,0	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	7,0	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	8,2	**M7 (4m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	16552	73	
Ø180	1,7	**M8 (5m)**	0,75	12	564	**121,67**	**VR373.1K-3E80M/4D**	22213	61	369
	1,9	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	2,2	**M8 (5m)**	0,75	15	637	**94,32**	**VR373.1K-3E90S/4C**	20798	61	
	2,6	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	3,0	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	3,5	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	3,9	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	4,9	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	5,8	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	6,4	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	7,4	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	73	
	8,7	**M7 (4m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	16552	73	

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**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
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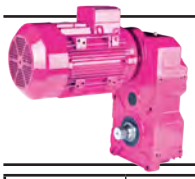

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø270	8,6	**M7 (4m)**	4,0	10	3501	**143,35**	**VR573.1K-3E112M/4D**	70753	184	371
	9,8	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	11,5	**M6 (3m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	14,1	**M6 (3m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	82491	204	
	16,0	**M6 (3m)**	7,5	19	3571	**77,63**	**VR573.1K-3E132M/4D**	83614	204	
	18,0	**M6 (3m)**	7,5	21	3179	**69,00**	**VR573.1K-3E132M/4D**	84603	204	
	21,4	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	24,0	**M5 (2m**	11	28	3512	**51,97**	**VR573.1K-3E160M/4C**	89846	261	
	29,2	**M5 (2m**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	88313	281	
	33,1	**M5 (2m**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	281	
	37,4	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	44,2	**M4 (1Am)**	18,5	52	3228	**28,30**	**VR573.1K-3E180M/4C**	93054	311	
	5,8	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	6,5	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	7,7	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	9,2	**M8 (5m)**	4,0	11	3296	**134,51**	**VR673.1K-3E112M/4D**	104667	282	
	10,3	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	12,1	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	14,2	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	16,3	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	112631	302	
	18,7	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	21,3	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø280	9,0	**M6 (3m)**	4,0	10	3501	**143,35**	**VR573.1K-3E112M/4D**	83697	184	371
	10,1	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	12,0	**M6 (3m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	14,7	**M6 (3m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	82491	204	
	16,6	**M6 (3m)**	7,5	19	3571	**77,63**	**VR573.1K-3E132M/4D**	83614	204	
	18,7	**M5 (2m)**	11	21	4662	**69,00**	**VR573.1K-3E160M/4C**	89119	261	
	22,1	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	24,9	**M5 (2m)**	11	28	3512	**51,97**	**VR573.1K-3E160M/4C**	89846	261	
	30,3	**M5 (2m)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	88313	281	
	34,3	**M4 (1Am)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	93900	281	
	38,8	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	45,8	**M4 (1Am)**	22	52	3839	**28,30**	**VR573.1K-3E180L/4D**	92064	311	
	6,0	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	6,7	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	7,9	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	9,5	**M8 (5m)**	4,0	11	3296	**134,51**	**VR673.1K-3E112M/4D**	104667	282	
	10,7	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	12,6	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	14,7	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	16,9	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	112631	302	
	19,4	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	22,1	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø290	9,3	**M6 (3m)**	4,0	10	3501	**143,35**	**VR573.1K-3E112M/4D**	83697	184	371
	10,5	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	12,4	**M6 (3m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	15,2	**M6 (3m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	82491	204	
	17,2	**M5 (2m)**	7,5	19	3571	**77,63**	**VR573.1K-3E132M/4D**	91372	204	
	19,3	**M5 (2m)**	11	21	4662	**69,00**	**VR573.1K-3E160M/4C**	89119	261	
	22,9	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	25,8	**M5 (2m)**	11	28	3512	**51,97**	**VR573.1K-3E160M/4C**	89846	261	
	31,4	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	35,6	**M4 (1Am)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	93900	281	
	40,1	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	47,5	**M4 (1Am)**	22	52	3839	**28,30**	**VR573.1K-3E180L/4D**	92064	320	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø290	6,2	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	7,0	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	8,2	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	9,9	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	11,1	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	13,0	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	15,2	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	17,5	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	112631	302	
	20,1	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	22,9	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø300	9,6	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	184	371
	10,8	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	12,8	**M6 (3m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	15,7	**M5 (2m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	17,8	**M5 (2m)**	7,5	19	3571	**77,63**	**VR573.1K-3E132M/4D**	91372	204	
	20,0	**M5 (2m)**	11	21	4662	**69,00**	**VR573.1K-3E160M/4C**	89119	261	
	23,7	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	26,6	**M5 (2m)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	87774	261	
	32,5	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	36,8	**M4 (1Am)**	18,5	39	4292	**37,64**	**VR573.1K-3E180M/4C**	92583	281	
	41,5	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	49,1	**M4 (1Am)**	22	52	3839	**28,30**	**VR573.1K-3E180L/4D**	92064	320	
	6,4	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	7,2	**M8 (5m)**	4,0	7,6	4661	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	8,5	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	10,2	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	11,5	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	13,5	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	15,7	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	18,1	**M8 (5m)**	11	19	5143	**76,17**	**VR673.1K-3E160M/4C**	110481	302	
	20,8	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	23,7	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø310	9,9	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371
	11,2	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	13,3	**M6 (3m)**	7,5	14	4932	**107,18**	**VR573.1K-3E132M/4D**	81646	194	
	16,2	**M5 (2m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	18,4	**M5 (2m)**	11	19	5237	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	20,7	**M5 (2m)**	11	21	4662	**69,00**	**VR573.1K-3E160M/4C**	89119	261	
	24,5	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	27,5	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	33,6	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	38,0	**M4 (1Am)**	18,5	39	4292	**37,64**	**VR573.1K-3E180M/4C**	92583	311	
	42,9	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	50,7	**M4 (1Am)**	22	52	3839	**28,30**	**VR573.1K-3E180L/4D**	92064	320	
	6,6	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	7,4	**M8 (5m)**	4,0	7,6	4661	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	8,8	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	10,6	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	11,9	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	13,9	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	16,2	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	18,7	**M8 (5m)**	11	19	5143	**76,17**	**VR673.1K-3E160M/4C**	110481	359	
	21,5	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	24,4	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	

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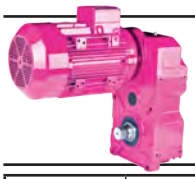
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø320	10,2	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371
	11,6	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	13,7	**M5 (2m)**	7,5	14	4932	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	16,7	**M5 (2m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	19,0	**M5 (2m)**	11	19	5237	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	21,3	**M5 (2m)**	11	21	4662	**69,00**	**VR573.1K-3E160M/4C**	89119	261	
	25,3	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	28,4	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	34,7	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	6,8	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	7,7	**M8 (5m)**	4,0	7,6	4661	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	9,1	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	10,9	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	12,2	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	14,4	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	16,8	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	19,3	**M8 (5m)**	11	19	5143	**76,17**	**VR673.1K-3E160M/4C**	110481	359	
	22,2	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	25,2	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø330	10,6	**M6 (3m)**	5,5	9,8	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371
	11,9	**M6 (3m)**	5,5	11	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	14,1	**M5 (2m)**	7,5	13	4932	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	17,3	**M5 (2m)**	7,5	16	4036	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	19,6	**M5 (2m)**	11	18	5237	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	22,0	**M5 (2m)**	11	20	4662	**69,00**	**VR573.1K-3E160M/4C**	89119	261	
	26,1	**M4 (1Am)**	11	24	3938	**58,36**	**VR573.1K-3E160M/4C**	96061	261	
	29,3	**M4 (1Am)**	15	27	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	35,7	**M4 (1Am)**	15	33	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	7,0	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	7,9	**M8 (5m)**	4,0	7,6	4661	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	9,4	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	11,2	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	12,6	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	14,8	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	17,3	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	19,9	**M8 (5m)**	11	19	5143	**76,17**	**VR673.1K-3E160M/4C**	110481	359	
	22,9	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	26,0	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø340	10,9	**M6 (3m)**	5,5	9,8	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371
	12,3	**M5 (2m)**	5,5	11	4268	**126,81**	**VR573.1K-3E132S/4C**	95485	194	
	14,5	**M5 (2m)**	7,5	13	4932	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	17,8	**M5 (2m)**	7,5	16	4036	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	20,1	**M5 (2m)**	11	18	5237	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	22,7	**M5 (2m)**	11	20	4662	**69,00**	**VR573.1K-3E160M/4C**	89119	261	
	26,9	**M4 (1Am)**	11	24	5371	**58,36**	**VR573.1K-3E160L/4D**	93738	261	
	30,2	**M4 (1Am)**	15	27	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	36,8	**M4 (1Am)**	15	33	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	7,3	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86185	282	372
	8,2	**M8 (5m)**	4,0	7,6	4661	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	9,6	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	282	
	11,6	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	13,0	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	15,3	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	17,8	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	20,5	**M8 (5m)**	11	19	5143	**76,17**	**VR673.1K-3E160M/4C**	110481	359	

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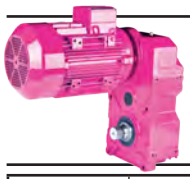

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø340	23,6	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	372
	26,8	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	370	

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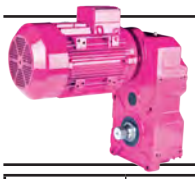

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	2,8	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	3,2	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	3,8	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	4,0	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	4,8	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	5,5	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	46685	107	
	6,3	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	7,1	**M7 (4m)**	4,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	50346	107	
	8,2	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	9,4	**M7 (4m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	50379	114	
	11,4	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	13,7	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	134	
	5,6	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	371
	6,6	**M8 (5m)**	3,0	25	1089	**58,36**	**VR573.1K-3E100L/4D**	76851	177	
	7,5	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	
	9,1	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	184	
	10,4	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	11,6	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	13,8	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø180	3,0	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	3,4	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	4,0	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	4,3	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	5,1	**M7 (4m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	49870	105	
	5,8	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	6,6	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	7,5	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	8,7	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	9,9	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	49286	124	
	12,0	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	124	
	14,6	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	134	
	4,7	**M8 (5m)**	2,2	16	1196	**87,90**	**VR573.1K-3E100L/4C**	72098	174	371
	5,3	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	5,9	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	7,0	**M8 (5m)**	3,0	25	1089	**58,36**	**VR573.1K-3E100L/4D**	76851	177	
	7,9	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	
	9,7	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	184	
	11,0	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	12,3	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	14,6	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø190	3,1	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	3,6	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	101	
	4,3	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	4,5	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	5,3	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	6,1	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	7,0	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	8,0	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	9,2	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	10,5	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	12,7	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	124	
	15,4	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	134	
	4,9	**M8 (5m)**	2,2	16	1196	**87,90**	**VR573.1K-3E100L/4C**	72098	174	371
	5,6	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø190	6,3	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	371
	7,4	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	8,4	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	
	10,2	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	11,6	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	13,0	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	15,4	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø200	3,3	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	3,7	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	105	
	4,5	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	4,7	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	5,6	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	6,4	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	7,4	**M7 (4m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	48788	114	
	8,4	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	9,7	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	11,0	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	13,4	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50648	134	
	16,2	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	134	
	5,2	**M8 (5m)**	2,2	16	1196	**87,90**	**VR573.1K-3E100L/4C**	72098	174	371
	5,9	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	6,6	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	7,8	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	8,8	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	
	10,8	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	12,2	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	13,7	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	16,3	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø210	3,5	**M7 (4m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	47684	101	370
	3,9	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	4,7	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	5,0	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	5,9	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	6,8	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	7,7	**M6 (3m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	114	
	8,8	**M6 (3m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	51793	114	
	10,2	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	11,6	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	14,0	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50648	134	
	17,0	**M5 (2m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	53215	134	
	2,9	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	3,3	**M8 (5m)**	1,5	10	1322	**143,35**	**VR573.1K-3E90L/4D**	63206	170	
	3,8	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	4,5	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	5,4	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	6,2	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	6,9	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	8,2	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	9,3	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	
	11,3	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	12,8	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	14,4	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	17,1	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø220	3,6	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	370
	4,1	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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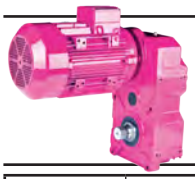
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø220	4,9	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	370
	5,2	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	105	
	6,2	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	7,1	**M6 (3m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	52109	107	
	8,1	**M6 (3m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	114	
	9,2	**M6 (3m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	51793	114	
	10,6	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	12,2	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	14,7	**M5 (2m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	52775	134	
	17,8	**M5 (2m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	53215	134	
	3,1	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	3,5	**M8 (5m)**	1,5	10	1322	**143,35**	**VR573.1K-3E90L/4D**	63206	170	
	3,9	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	4,7	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	5,7	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	6,5	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	7,3	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	8,6	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	9,7	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	11,8	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	13,4	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	15,1	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	17,9	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø230	3,8	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	370
	4,3	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	5,2	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	5,5	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	
	6,5	**M6 (3m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	51728	107	
	7,4	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	8,5	**M6 (3m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	114	
	9,6	**M6 (3m)**	5,5	27	1857	**54,35**	**VR473.1K-3E132S/4C**	50357	124	
	11,1	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	12,7	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	15,4	**M5 (2m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	52775	134	
	3,2	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	3,7	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	4,1	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	4,9	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	6,0	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	6,7	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	7,6	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	9,0	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	10,1	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	12,4	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	14,0	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	15,8	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	18,7	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	
Ø240	3,9	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	370
	4,5	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	5,4	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	46330	107	
	5,7	**M6 (3m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	50784	107	
	6,7	**M6 (3m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	51728	107	
	7,7	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	8,8	**M6 (3m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	114	
	10,1	**M6 (3m)**	5,5	27	1857	**54,35**	**VR473.1K-3E132S/4C**	50357	124	
	11,6	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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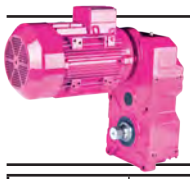
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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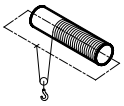

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø240	13,3	**M5 (2m)**	7,5	35	1929	**41,50**	**VR473.1K-3E132M/4D**	52214	124	370
	16,0	**M5 (2m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	52775	134	
	3,8	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	371
	4,3	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	5,1	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	6,2	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	7,0	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	7,9	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	9,4	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	10,6	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	12,9	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	14,6	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	16,4	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	19,5	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	

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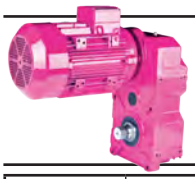
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø100	0,8	**M8 (5m)**	0,55	11	455	**137,94**	**VR273.1K-3E80M/4C**	24433	38	368
	0,9	**M8 (5m)**	0,55	12	399	**120,49**	**VR273.1K-3E80M/4C**	23616	38	
	1,0	**M8 (5m)**	0,55	13	375	**113,02**	**VR273.1K-3E80M/4C**	23234	38	
	1,2	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-3E80M/4C**	22283	38	
	1,4	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21056	40	
	1,6	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	1,9	**M7 (4m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	23543	45	
	2,3	**M7 (4m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	22478	45	
	2,7	**M7 (4m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	21040	49	
	3,1	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	3,8	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	4,5	**M7 (4m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	18017	55	
Ø110	0,9	**M7 (4m)**	0,55	11	455	**137,94**	**VR273.1K-3E80M/4C**	30444	38	368
	1,0	**M7 (4m)**	0,55	12	399	**120,49**	**VR273.1K-3E80M/4C**	29387	38	
	1,1	**M7 (4m)**	0,55	13	375	**113,02**	**VR273.1K-3E80M/4C**	28896	38	
	1,3	**M6 (3m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	33736	40	
	1,5	**M6 (3m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	32494	40	
	1,7	**M6 (3m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	30705	45	
	2,1	**M6 (3m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	29232	45	
	2,5	**M6 (3m)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	27354	49	
	3,0	**M6 (3m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	26150	49	
	3,4	**M7 (4m)**	2,2	40	495	**36,38**	**VR273.1K-3E100L/4C**	19615	55	
	4,1	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	4,9	**M7 (4m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	18017	55	
	1,0	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-3E80M/4C**	22649	60	369
	1,2	**M8 (5m)**	0,55	14	360	**106,69**	**VR373.1K-3E80M/4C**	21885	60	
	1,3	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	1,6	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	61	
	1,9	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	2,2	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	2,4	**M8 (5m)**	1,1	28	357	**52,30**	**VR373.1K-3E90S/4C**	17448	64	
	3,0	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	3,5	**M8 (5m)**	1,5	41	332	**35,49**	**VR373.1K-3E90L/4D**	15482	66	
	3,9	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	4,5	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	70	
	5,3	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø120	1,0	**M5 (2m)**	0,55	12	455	**137,94**	**VR273.1K-3E80M/4C**	46901	38	368
	1,1	**M5 (2m)**	0,55	14	399	**120,49**	**VR273.1K-3E80M/4C**	45190	38	
	1,2	**M5 (2m)**	0,55	15	375	**113,02**	**VR273.1K-3E80M/4C**	44397	38	
	1,4	**M5 (2m)**	0,75	18	436	**96,09**	**VR273.1K-3E80M/4D**	41959	40	
	1,6	**M5 (2m)**	0,75	21	380	**83,46**	**VR273.1K-3E80M/4D**	40377	40	
	1,9	**M5 (2m)**	1,1	25	489	**73,03**	**VR273.1K-3E90S/4C**	38277	45	
	2,3	**M4 (1Am)**	1,1	28	406	**60,39**	**VR273.1K-3E90S/4C**	45192	45	
	2,7	**M4 (1Am)**	1,2	35	371	**50,36**	**VR273.1K-3E90S/4C**	42850	45	
	3,2	**M4 (1Am)**	1,5	41	390	**42,22**	**VR273.1K-3E90L/4D**	40483	49	
	3,8	**M7 (4m)**	2,2	45	495	**36,38**	**VR273.1K-3E100L/4C**	19615	55	
	4,5	**M7 (4m)**	2,2	53	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	5,4	**M6 (3m)**	3,0	61	475	**25,44**	**VR273.1K-3E100L/4D**	21883	59	
	1,1	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-3E80M/4C**	22649	60	369
	1,3	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,4	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	1,7	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	61	
	2,0	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	2,4	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	2,6	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	3,3	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	3,8	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	4,3	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	5,0	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	70	

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø120	5,8	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	369
Ø130	1,2	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-3E80M/4C**	22649	60	369
	1,4	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,6	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	1,9	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	2,2	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	2,6	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	2,8	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	3,6	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	4,2	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	4,6	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	5,4	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	6,3	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø140	1,3	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	1,5	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,7	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	2,0	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	2,4	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	2,8	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	3,0	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	3,8	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	4,5	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	5,0	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	5,8	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	6,8	**M7 (4m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	16552	73	
Ø150	1,4	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	1,6	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,8	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	2,2	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	2,5	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	3,0	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	3,3	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	4,1	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	4,8	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	5,3	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14100	73	
	6,2	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	73	
	7,2	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	77	
Ø160	1,5	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	1,7	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,9	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	2,3	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	2,7	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	3,2	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	3,5	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	4,4	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	5,1	**M7 (4m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	18757	70	
	5,7	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	6,6	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	73	
	7,7	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	77	
Ø170	1,6	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	1,8	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	2,1	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	2,4	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	2,9	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	3,3	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	3,7	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	16268	70	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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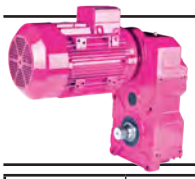

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	4,7	**M7 (4m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	19459	70	369
	5,5	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	6,0	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	7,0	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	73	
	8,2	**M6 (3m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	20128	77	
Ø180	1,7	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	1,9	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	2,2	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	2,6	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	66	
	3,0	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	3,5	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	3,9	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	4,9	**M7 (4m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	19459	70	
	5,8	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	6,4	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	7,4	**M6 (3m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	20857	77	
	8,7	**M6 (3m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	20128	77	

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	8,6	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371
	9,8	**M5 (2m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	95485	194	
	11,6	**M5 (2m)**	7,5	14	4915	**107,18**	**VR573.1K-3E132M/4D**	91993	204	
	14,2	**M5 (2m)**	11	17	5900	**87,90**	**VR573.1K-3E160M/4C**	88253	204	
	16,1	**M5 (2m)**	11	19	5219	**77,63**	**VR573.1K-3E160M/4C**	88659	261	
	18,1	**M4 (1Am)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	96563	261	
	21,4	**M4 (1Am)**	15	25	5371	**58,36**	**VR573.1K-3E160L/4D**	93738	281	
	24,0	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	29,3	**M4 (1Am)**	18,5	35	4835	**42,62**	**VR573.1K-3E180M/4C**	92299	311	
	33,2	**M4 (1Am)**	18,5	39	4277	**37,64**	**VR573.1K-3E180M/4C**	92581	311	
	5,8	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	6,5	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	7,7	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	9,2	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	10,4	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	292	
	12,2	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	14,2	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	302	
	16,4	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	18,7	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	21,3	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø280	9,0	**M5 (2m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	97083	194	371
	10,1	**M5 (2m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	95485	194	
	12,0	**M5 (2m)**	7,5	14	4915	**107,18**	**VR573.1K-3E132M/4D**	91993	204	
	14,7	**M5 (2m)**	11	17	5900	**87,90**	**VR573.1K-3E160M/4C**	88253	261	
	16,6	**M5 (2m)**	11	19	5219	**77,63**	**VR573.1K-3E160M/4C**	88659	261	
	18,7	**M4 (1Am)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	96563	261	
	22,1	**M4 (1Am)**	15	25	5371	**58,36**	**VR573.1K-3E160L/4D**	93738	281	
	24,9	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	30,4	**M4 (1Am)**	18,5	35	4835	**42,62**	**VR573.1K-3E180M/4C**	92299	311	
	6,0	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	6,8	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	7,9	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	9,5	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	10,7	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	12,6	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	14,7	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	17,0	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	19,4	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	22,1	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø290	6,2	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	7,0	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	8,2	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	9,9	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	11,1	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	13,1	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	15,3	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	17,6	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	20,1	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	22,9	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø300	6,5	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	7,3	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	8,5	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	10,2	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	11,5	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	13,5	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	15,8	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	18,2	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	

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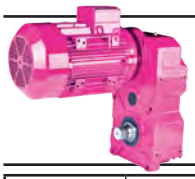

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø300	20,8	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	110450	359	372
	23,7	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø320	6,9	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	7,7	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	9,1	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	10,9	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	12,3	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	14,4	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	16,8	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	19,4	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	22,2	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	110450	379	
	25,2	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø340	7,3	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	8,2	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	9,6	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	11,6	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	13,0	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	15,3	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	17,9	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	20,6	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	23,6	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	110450	379	
	26,8	**M7 (4m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	119396	379	
Ø360	7,7	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	8,7	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	10,2	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	12,3	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	13,8	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	16,2	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	18,9	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	21,8	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	25,0	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	28,4	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	117744	379	
Ø380	8,2	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	9,2	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	10,8	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	13,0	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	14,6	**M8 (5m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	101611	359	
	17,1	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	20,0	**M7 (4m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	116815	359	
	23,0	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	26,3	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	30,0	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	117744	408	

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	2,8	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	370
	3,2	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	3,8	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	4,0	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	4,8	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	5,5	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	6,3	**M6 (3m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	51364	114	
	7,2	**M6 (3m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	51795	114	
	8,2	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	9,4	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	11,4	**M6 (3m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	50654	134	
	13,7	**M5 (2m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	53215	134	
	2,4	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	2,7	**M8 (5m)**	1,5	10	1322	**143,35**	**VR573.1K-3E90L/4D**	63206	170	
	3,1	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	3,6	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	4,4	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	5,0	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	5,6	**M8 (5m)**	4,0	21	1701	**69,00**	**VR573.1K-3E112M/4D**	74831	177	
	6,7	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76226	184	
	7,5	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	184	
	9,1	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	10,4	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	194	
	11,7	**M8 (5m)**	7,5	44	1554	**33,46**	**VR573.1K-3E132M/4D**	79263	204	
	13,8	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø180	3,0	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	370
	3,4	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	4,0	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	4,3	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	
	5,1	**M6 (3m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	51728	107	
	5,8	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	6,7	**M6 (3m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	51364	114	
	7,6	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	50368	124	
	8,7	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	9,9	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	12,1	**M5 (2m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	52780	134	
	14,6	**M5 (2m)**	11	51	1942	**28,45**	**VR473.1K-3E160M/4C**	51463	191	
	2,5	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	2,9	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	3,2	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	3,8	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	4,7	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	5,3	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	6,0	**M8 (5m)**	4,0	21	1701	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	7,1	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76226	184	
	7,9	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	9,7	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	11,0	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	12,4	**M8 (5m)**	7,5	44	1554	**33,46**	**VR573.1K-3E132M/4D**	79263	204	
	14,6	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	
Ø190	3,1	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	370
	3,6	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	4,3	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	46330	107	
	4,5	**M6 (3m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	50784	107	
	5,3	**M6 (3m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	51728	107	
	6,1	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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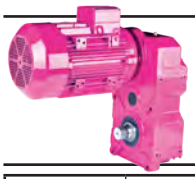
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø190	7,0	**M6 (3m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	51364	114	370
	8,0	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	50368	124	
	9,2	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	10,5	**M5 (2m)**	7,5	35	1929	**41,50**	**VR473.1K-3E132M/4D**	52214	134	
	12,7	**M5 (2m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	52780	134	
	15,4	**M5 (2m)**	11	51	1942	**28,45**	**VR473.1K-3E160M/4C**	51463	191	
	2,6	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	3,0	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	3,4	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	4,0	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	4,9	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	5,6	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	177	
	6,3	**M8 (5m)**	4,0	21	1701	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	7,5	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	184	
	8,4	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	10,2	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	11,6	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	13,1	**M8 (5m)**	7,5	44	1554	**33,46**	**VR573.1K-3E132M/4D**	79263	204	
	15,4	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	
Ø200	3,3	**M4 (1Am)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	62680	105	370
	2,8	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	170	371
	3,2	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	3,6	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	4,2	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	5,2	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	5,9	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	6,6	**M8 (5m)**	4,0	21	1701	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	7,9	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	8,8	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	10,8	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	12,2	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	13,8	**M8 (5m)**	7,5	44	1554	**33,46**	**VR573.1K-3E132M/4D**	79263	204	
	16,3	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	
Ø210	2,9	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	371
	3,3	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	3,8	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	4,5	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	5,4	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	6,2	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	7,0	**M8 (5m)**	4,0	21	1701	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	8,2	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	9,3	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	11,3	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	12,8	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	14,4	**M8 (5m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	17,1	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	
Ø220	3,1	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	371
	3,5	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	3,9	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	4,7	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	5,7	**M8 (5m)**	4,0	16	2175	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	6,5	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	7,3	**M8 (5m)**	4,0	21	1701	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	8,6	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	9,7	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	11,8	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	13,4	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø220	15,1	**M8 (5m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	371
	17,9	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	
Ø230	3,2	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	371
	3,7	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	4,1	**M8 (5m)**	3,0	11	2344	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	4,9	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	6,0	**M8 (5m)**	4,0	16	2175	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	6,7	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	7,6	**M8 (5m)**	5,5	21	2339	**69,00**	**VR573.1K-3E132S/4C**	73797	194	
	9,0	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	10,1	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	12,4	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	14,1	**M8 (5m)**	11	39	2561	**37,64**	**VR573.1K-3E160M/4C**	76862	204	
	15,8	**M8 (5m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	18,7	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	
Ø240	3,3	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	371
	3,8	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	4,3	**M8 (5m)**	3,0	11	2344	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	5,1	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	6,2	**M8 (5m)**	4,0	16	2175	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	7,0	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	8,0	**M8 (5m)**	5,5	21	2339	**69,00**	**VR573.1K-3E132S/4C**	73797	194	
	9,4	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	10,6	**M8 (5m)**	7,5	28	2411	**51,97**	**VR573.1K-3E132M/4D**	75826	204	
	12,9	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	14,7	**M8 (5m)**	11	39	2561	**37,64**	**VR573.1K-3E160M/4C**	76862	261	
	16,5	**M8 (5m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	19,5	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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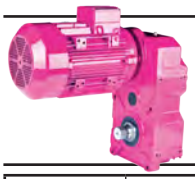
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø130	1,2	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	1,4	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,6	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,9	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	2,2	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	2,6	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	2,8	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	16268	70	
	3,6	**M7 (4m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	19459	70	
	4,2	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	4,6	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	5,4	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	73	
	6,3	**M7 (4m)**	4,0	62	586	**23,58**	**VR373.1K-3E112M/4D**	16040	77	
	3,1	**M8 (5m)**	2,2	31	649	**47,37**	**VR473.1K-3E100L/4C**	49234	105	370
	3,6	**M8 (5m)**	2,2	35	570	**41,50**	**VR473.1K-3E100L/4C**	49635	105	
	4,3	**M8 (5m)**	3,0	42	643	**34,28**	**VR473.1K-3E100L/4D**	49419	107	
	5,2	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	
Ø140	1,3	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	1,5	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,7	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	2,0	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	66	
	2,4	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	2,8	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	3,0	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	3,8	**M7 (4m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	19459	70	
	4,5	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	5,0	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	5,8	**M7 (4m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	16599	77	
	6,8	**M6 (3m)**	4,0	62	586	**23,58**	**VR373.1K-3E112M/4D**	20096	77	
	2,6	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	370
	2,9	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	
	3,4	**M8 (5m)**	2,2	31	649	**47,37**	**VR473.1K-3E100L/4C**	49234	105	
	3,8	**M8 (5m)**	2,2	35	570	**41,50**	**VR473.1K-3E100L/4C**	49635	105	
	4,6	**M8 (5m)**	3,0	42	643	**34,28**	**VR473.1K-3E100L/4D**	49419	107	
	5,6	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	
Ø150	1,4	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	369
	1,6	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,8	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	2,2	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	66	
	2,5	**M7 (4m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	22632	66	
	3,0	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	3,3	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	4,1	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	18777	73	
	4,8	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	5,3	**M6 (3m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	22235	73	
	6,2	**M6 (3m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	20857	77	
	7,3	**M6 (3m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	20096	77	
	2,4	**M8 (5m)**	2,2	23	844	**70,59**	**VR473.1K-3E100L/4C**	48265	105	370
	2,8	**M8 (5m)**	2,2	27	743	**61,85**	**VR473.1K-3E100L/4C**	48786	105	
	3,1	**M8 (5m)**	2,2	31	649	**54,35**	**VR473.1K-3E100L/4C**	49234	105	
	3,6	**M8 (5m)**	3,0	35	777	**47,37**	**VR473.1K-3E100L/4D**	49048	105	
	4,1	**M8 (5m)**	3,0	42	643	**41,50**	**VR473.1K-3E100L/4D**	49419	107	
	5,0	**M8 (5m)**	4,0	51	708	**34,28**	**VR473.1K-3E112M/4D**	49221	107	
	6,0	**M8 (5m)**	4,0	49	739	**28,45**	**VR473.1K-112M/4-L05**	49247	114	
Ø160	1,5	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	369
	1,7	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø160	1,9	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	369
	2,3	**M7 (4m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	23507	66	
	2,7	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	22632	66	
	3,2	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	3,5	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	4,4	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	18777	73	
	5,1	**M6 (3m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	22766	73	
	5,7	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	77	
	6,6	**M6 (3m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	20857	77	
	7,8	**M6 (3m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	19369	87	
	2,2	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	370
	2,6	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	2,9	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	3,4	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	
	3,8	**M8 (5m)**	2,2	31	649	**47,37**	**VR473.1K-3E100L/4C**	49234	105	
	4,4	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	107	
	5,3	**M8 (5m)**	3,0	42	643	**34,28**	**VR473.1K-3E100L/4D**	49419	107	
	6,4	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	
Ø170	1,6	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	369
	1,8	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	2,1	**M7 (4m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	24440	66	
	2,4	**M7 (4m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	23507	66	
	2,9	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	21667	70	
	3,3	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	3,7	**M6 (3m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	25686	70	
	4,7	**M6 (3m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	23590	73	
	5,5	**M6 (3m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	22766	73	
	6,0	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	77	
	7,0	**M6 (3m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	20857	77	
	8,3	**M5 (2m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	24468	87	
	2,0	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	370
	2,4	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	2,7	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	3,1	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	3,6	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	
	4,1	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	4,7	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	107	
	5,6	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	114	
	6,8	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	
Ø180	1,7	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	369
	1,9	**M7 (4m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	25966	64	
	2,2	**M7 (4m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	24440	66	
	2,6	**M7 (4m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	23507	66	
	3,0	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	21667	70	
	3,5	**M6 (3m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	26295	70	
	3,9	**M6 (3m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	25686	70	
	4,9	**M6 (3m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	23590	73	
	5,8	**M6 (3m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	22034	77	
	6,4	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	77	
	2,0	**M8 (5m)**	1,1	14	687	**101,48**	**VR473.1K-3E90S/4C**	46039	99	370
	2,1	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	
	2,5	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	2,9	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	3,3	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	3,8	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	

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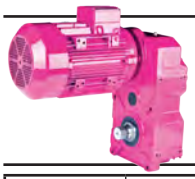

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø180	4,3	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	370
	4,9	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	107	
	6,0	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	114	
	7,3	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	
Ø190	1,8	**M7 (4m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	26779	64	369
	2,0	**M7 (4m)**	1,5	14	981	**106,69**	**VR373.1K-3E90L/4D**	25100	66	
	2,3	**M7 (4m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	24440	66	
	2,7	**M6 (3m)**	2,2	18	733	**79,34**	**VR373.1K-3E90L/4D**	29358	66	
	3,2	**M6 (3m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	27239	70	
	3,7	**M6 (3m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	26295	70	
	4,1	**M6 (3m)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	24827	73	
	5,2	**M5 (2m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	29640	73	
	6,1	**M5 (2m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	27810	77	
	6,7	**M5 (2m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	27177	77	
	1,6	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	370
	1,8	**M8 (5m)**	1,1	12	820	**121,49**	**VR473.1K-3E90S/4C**	45238	99	
	2,1	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	2,3	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	
	2,7	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	3,1	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	3,5	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	4,0	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	
	4,6	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	5,2	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	107	
	6,3	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	114	
	7,7	**M8 (5m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	48468	124	
Ø200	1,9	**M6 (3m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	33431	64	369
	2,1	**M5 (2m)**	1,5	14	981	**106,69**	**VR373.1K-3E90L/4D**	39534	66	
	2,4	**M5 (2m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	38350	66	
	2,9	**M5 (2m)**	2,2	18	1075	**79,34**	**VR373.1K-3E100L/4C**	35580	70	
	3,4	**M5 (2m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	34244	70	
	3,9	**M4 (1Am)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	41217	70	
	4,4	**M4 (1Am)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	39309	73	
	5,5	**M4 (1Am)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	37091	73	
	6,4	**M4 (1Am)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	34923	77	
	7,1	**M4 (1Am)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	34080	77	
	1,6	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	370
	1,9	**M8 (5m)**	1,1	12	820	**121,49**	**VR473.1K-3E90S/4C**	45238	99	
	2,2	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	2,4	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	
	2,8	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	3,2	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	3,7	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	4,2	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	4,8	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	5,5	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	107	
	6,6	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	114	
	8,1	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	124	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø100	0,5	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-3E71M/4D**	25116	35	368
	0,6	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-3E71M/4D**	24222	35	
	0,7	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-3E71M/4D**	23807	35	
	0,8	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-3E80M/4C**	22283	38	
	0,9	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-3E80M/4C**	21474	38	
	1,0	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	1,3	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	1,5	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	1,8	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	2,1	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	2,5	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	3,0	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14399	55	
Ø110	0,6	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-3E71M/4D**	25116	35	368
	0,7	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	23678	38	
	0,7	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	23296	38	
	0,9	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-3E80M/4C**	22283	38	
	1,0	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21056	40	
	1,1	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	1,4	**M8 (5m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	18852	45	
	1,7	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	2,0	**M8 (5m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	16828	49	
	2,3	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	2,8	**M8 (5m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	14986	55	
	3,3	**M7 (4m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	18017	55	
Ø120	0,7	**M8 (5m)**	0,55	10	459	**137,94**	**VR273.1K-3E80M/4C**	24496	38	368
	0,7	**M7 (4m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	29467	38	
	0,8	**M7 (4m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	28975	38	
	0,9	**M7 (4m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	27195	40	
	1,1	**M7 (4m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	26224	40	
	1,2	**M7 (4m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	25324	40	
	1,5	**M7 (4m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	23543	45	
	1,8	**M6 (3m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	27865	45	
	2,2	**M6 (3m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	26150	49	
	2,5	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	3,0	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	3,6	**M7 (4m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	18017	55	
	0,7	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-3E80M/4C**	22649	60	369
	0,9	**M8 (5m)**	0,55	14	360	**106,69**	**VR373.1K-3E80M/4C**	21885	60	
	1,0	**M8 (5m)**	0,55	15	319	**94,32**	**VR373.1K-3E80M/4C**	21182	60	
	1,1	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	61	
	1,4	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,6	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	1,7	**M8 (5m)**	1,1	28	357	**52,30**	**VR373.1K-3E90S/4C**	17448	64	
	2,2	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	2,6	**M8 (5m)**	1,5	41	332	**35,49**	**VR373.1K-3E90L/4D**	15482	66	
	2,8	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	3,3	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	70	
	3,9	**M8 (5m)**	2,2	61	324	**23,58**	**VR373.1K-3E100L/4C**	13592	70	
Ø130	0,7	**M6 (3m)**	0,55	10	459	**137,94**	**VR273.1K-3E80M/4C**	37839	38	368
	0,8	**M6 (3m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	36490	38	
	0,9	**M6 (3m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	35864	38	
	1,0	**M6 (3m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	33736	40	
	1,2	**M6 (3m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	32494	40	
	1,4	**M6 (3m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	30705	45	
	1,6	**M5 (2m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	36385	45	
	2,0	**M5 (2m)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	34127	49	
	2,3	**M5 (2m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	32573	49	
	2,7	**M7 (4m)**	2,2	40	495	**36,38**	**VR273.1K-3E100L/4C**	19615	55	
	3,3	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	

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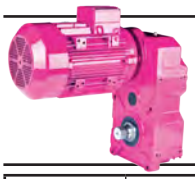

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø130	3,9	**M7 (4m)**	3,0	57	475	**25,44**	**VR273.1K-3E100L/4D**	17494	59	368
	0,8	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-3E80M/4C**	22649	60	369
	0,9	**M8 (5m)**	0,55	14	360	**106,69**	**VR373.1K-3E80M/4C**	21885	60	
	1,0	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	1,2	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	61	
	1,5	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,7	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	1,9	**M8 (5m)**	1,1	28	357	**52,30**	**VR373.1K-3E90S/4C**	17448	64	
	2,4	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	2,8	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	3,1	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	3,6	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	70	
	4,2	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø140	0,8	**M5 (2m)**	0,55	10	459	**137,94**	**VR273.1K-3E80M/4C**	47034	38	368
	0,9	**M5 (2m)**	0,55	12	403	**120,49**	**VR273.1K-3E80M/4C**	45319	38	
	0,9	**M5 (2m)**	0,55	13	379	**113,02**	**VR273.1K-3E80M/4C**	44525	38	
	1,1	**M5 (2m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	41959	40	
	1,3	**M5 (2m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	40377	40	
	1,5	**M4 (1Am)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	47602	45	
	1,8	**M4 (1Am)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	45192	45	
	2,1	**M4 (1Am)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	42467	49	
	2,5	**M4 (1Am)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	40483	49	
	2,9	**M7 (4m)**	2,2	40	495	**36,38**	**VR273.1K-3E100L/4C**	19615	55	
	3,5	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	4,2	**M6 (3m)**	3,0	57	475	**25,44**	**VR273.1K-3E100L/4D**	21883	59	
	0,9	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-3E80M/4C**	22649	60	369
	1,0	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,1	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	1,3	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,6	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,8	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	2,0	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	2,6	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	3,0	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	3,3	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	3,9	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	70	
	4,5	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø150	0,9	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-3E80M/4C**	22649	60	369
	1,1	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,2	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	1,4	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,7	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	2,0	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	2,2	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	2,7	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	3,2	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	3,5	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	4,1	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	4,8	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø160	1,0	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	1,1	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,3	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	1,5	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,8	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	2,1	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	2,3	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	2,9	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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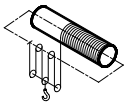

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø160	3,4	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	369
	3,8	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	4,4	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	5,1	**M7 (4m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	16552	73	
Ø170	1,1	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	1,2	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,4	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,6	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,9	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	2,2	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	2,5	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	3,1	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	3,6	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	4,0	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14100	73	
	4,7	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	73	
	5,5	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	77	
Ø180	1,1	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	1,3	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,4	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,7	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	2,0	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	2,4	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	2,6	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	3,3	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	3,8	**M7 (4m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	18757	70	
	4,3	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	5,0	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	73	
	5,8	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	77	

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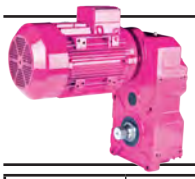

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø280	6,0	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	6,8	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	7,9	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	9,6	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100847	302	
	10,7	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	12,7	**M8 (5m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	105095	359	
	14,7	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	17,0	**M8 (5m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	108017	379	
	19,4	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	22,1	**M7 (4m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	119396	379	
	19,0	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	373
	19,7	**M8 (5m)**	15	22	6046	**65,59**	**VR773.1K-3E160L/4D**	149571	500	
	22,8	**M8 (5m)**	18,5	26	6448	**56,82**	**VR773.1K-3E180M/4C**	147287	500	
	26,2	**M8 (5m)**	18,5	30	5621	**49,45**	**VR773.1K-3E180M/4C**	146450	529	
Ø300	6,5	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	7,3	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	8,5	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	10,3	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100847	302	
	11,5	**M8 (5m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	101611	359	
	13,6	**M8 (5m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	105095	359	
	15,8	**M7 (4m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	116815	359	
	18,2	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	20,8	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	23,7	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	117744	408	
	14,2	**M8 (5m)**	11	15	6569	**97,55**	**VR773.1K-3E160M/4C**	144234	480	373
	16,1	**M8 (5m)**	11	17	5801	**85,99**	**VR773.1K-3E160M/4C**	147036	480	
	18,2	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	20,4	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	
	21,1	**M8 (5m)**	15	22	6046	**65,59**	**VR773.1K-3E160L/4D**	149571	500	
	24,5	**M8 (5m)**	18,5	26	6448	**56,82**	**VR773.1K-3E180M/4C**	147287	529	
	28,1	**M8 (5m)**	22	30	6684	**49,45**	**VR773.1K-3E180L/4D**	145304	529	
Ø320	6,9	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	7,7	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	9,1	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	10,9	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100847	302	
	12,3	**M7 (4m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	112605	359	
	14,5	**M7 (4m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	114875	359	
	16,8	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	113998	379	
	19,4	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	22,2	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	25,2	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	117744	408	
	11,4	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	373
	13,2	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	15,1	**M8 (5m)**	11	15	6569	**97,55**	**VR773.1K-3E160M/4C**	144234	480	
	17,2	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	19,4	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	21,7	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	
	22,5	**M8 (5m)**	15	22	6046	**65,59**	**VR773.1K-3E160L/4D**	149571	500	
	26,1	**M8 (5m)**	18,5	26	6448	**56,82**	**VR773.1K-3E180M/4C**	147287	529	
	30,0	**M8 (5m)**	22	30	6684	**49,45**	**VR773.1K-3E180L/4D**	145304	539	
Ø340	7,3	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	8,2	**M8 (5m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	89848	292	
	9,6	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	11,6	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	13,0	**M7 (4m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	112605	359	

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø340	15,4	**M7 (4m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	114875	359	372
	17,9	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	113998	379	
	20,6	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	23,6	**M6 (3m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	123716	408	
	26,8	**M6 (3m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	124887	408	
	10,5	**M8 (5m)**	7,5	9,8	6839	**148,95**	**VR773.1K-3E132M/4D**	135735	423	373
	12,1	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	14,1	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	16,1	**M8 (5m)**	11	15	6569	**97,55**	**VR773.1K-3E160M/4C**	144234	480	
	18,3	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	20,6	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	23,1	**M8 (5m)**	18,5	22	7739	**68,02**	**VR773.1K-3E180M/4C**	148206	500	
	23,9	**M8 (5m)**	18,5	22	7456	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	27,7	**M8 (5m)**	18,5	26	6448	**56,82**	**VR773.1K-3E180M/4C**	147287	529	
	31,8	**M8 (5m)**	22	30	6684	**49,45**	**VR773.1K-3E180L/4D**	145304	539	
Ø360	7,7	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	8,7	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	10,2	**M7 (4m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	110822	302	
	12,3	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	13,8	**M7 (4m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	112605	359	
	16,3	**M7 (4m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	114875	359	
	18,9	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	113998	379	
	21,8	**M6 (3m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	124542	379	
	25,0	**M6 (3m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	123716	408	
	28,4	**M6 (3m)**	22	25	7903	**58,54**	**VR673.1K-3E180L/4D**	123235	408	
	8,2	**M8 (5m)**	5,5	7,3	6744	**200,14**	**VR773.1K-3E132S/4C**	125257	413	373
	9,9	**M8 (5m)**	7,5	8,8	7659	**166,50**	**VR773.1K-3E132M/4D**	129558	423	
	11,1	**M8 (5m)**	7,5	9,8	6839	**148,95**	**VR773.1K-3E132M/4D**	135735	423	
	12,9	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	14,9	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	17,0	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	19,3	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	21,8	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	24,4	**M8 (5m)**	18,5	22	7739	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	25,3	**M8 (5m)**	18,5	22	7456	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	29,3	**M8 (5m)**	22	26	7668	**56,82**	**VR773.1K-3E180L/4D**	145972	539	
	33,7	**M8 (5m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	142683	539	
Ø380	8,2	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	292	372
	9,2	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	10,8	**M7 (4m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	110822	302	
	13,0	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	14,6	**M7 (4m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	112605	359	
	17,2	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	20,0	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	23,0	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	26,3	**M6 (3m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	123716	408	
	30,0	**M6 (3m)**	22	25	7903	**58,54**	**VR673.1K-3E180L/4D**	123235	418	
	7,5	**M8 (5m)**	5,5	6,2	7860	**233,77**	**VR773.1K-3E132S/4C**	114944	413	373
	8,7	**M8 (5m)**	7,5	7,3	9196	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	10,5	**M8 (5m)**	7,5	8,8	7659	**166,50**	**VR773.1K-3E132M/4D**	129558	423	
	11,7	**M8 (5m)**	11	9,8	10031	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	13,6	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	15,7	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	18,0	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	20,4	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	23,0	**M8 (5m)**	18,5	19	8668	**76,29**	**VR773.1K-3E180M/4C**	145676	500	
	25,8	**M8 (5m)**	18,5	22	7739	**68,02**	**VR773.1K-3E180M/4C**	148206	529	

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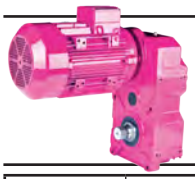

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø380	26,7	**M8 (5m)**	18,5	22	7456	**65,59**	**VR773.1K-3E180M/4C**	148050	529	373
	31,0	**M8 (5m)**	22	26	7668	**56,82**	**VR773.1K-3E180L/4D**	145972	539	
	35,6	**M8 (5m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø400	8,6	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	372
	9,7	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	11,3	**M7 (4m)**	11	9,0	10878	**161,66**	**VR673.1K-3E160M/4C**	106274	359	
	13,7	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	15,4	**M6 (3m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	124533	359	
	18,1	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	21,0	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	24,2	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	27,7	**M6 (3m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	123716	408	
	31,5	**M5 (2m)**	22	25	7903	**58,54**	**VR673.1K-3E180L/4D**	130962	418	
	7,8	**M8 (5m)**	5,5	6,2	7860	**233,77**	**VR773.1K-3E132S/4C**	114944	413	373
	9,2	**M8 (5m)**	7,5	7,3	9196	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	11,0	**M8 (5m)**	7,5	8,8	7659	**166,50**	**VR773.1K-3E132M/4D**	129558	423	
	12,4	**M8 (5m)**	11	9,8	10031	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	14,3	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	16,6	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	18,9	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	21,5	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	24,2	**M8 (5m)**	18,5	19	8668	**76,29**	**VR773.1K-3E180M/4C**	145676	529	
	27,1	**M8 (5m)**	18,5	22	7739	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	28,1	**M8 (5m)**	22	22	8867	**65,59**	**VR773.1K-3E180L/4D**	146529	529	
	32,6	**M8 (5m)**	22	26	7668	**56,82**	**VR773.1K-3E180L/4D**	145972	539	
	37,5	**M8 (5m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø420	9,0	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	372
	10,2	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	11,9	**M7 (4m)**	11	9,0	10878	**161,66**	**VR673.1K-3E160M/4C**	106274	359	
	14,4	**M6 (3m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	123236	359	
	16,1	**M6 (3m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	124533	359	
	19,0	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	22,1	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	25,5	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	29,1	**M5 (2m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	130270	418	
	33,1	**M5 (2m)**	22	25	7903	**58,54**	**VR673.1K-3E180L/4D**	130962	418	
	8,2	**M8 (5m)**	5,5	6,2	7860	**233,77**	**VR773.1K-3E132S/4C**	114944	413	373
	9,6	**M8 (5m)**	7,5	7,3	9196	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	11,6	**M8 (5m)**	11	8,8	11233	**166,50**	**VR773.1K-3E160M/4C**	125704	480	
	13,0	**M8 (5m)**	11	9,8	10031	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	15,0	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	17,4	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	19,9	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	22,5	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	25,4	**M8 (5m)**	18,5	19	8668	**76,29**	**VR773.1K-3E180M/4C**	145676	529	
	28,5	**M8 (5m)**	22	22	9203	**68,02**	**VR773.1K-3E180L/4D**	146628	529	
	29,6	**M8 (5m)**	22	22	8867	**65,59**	**VR773.1K-3E180L/4D**	146529	539	
	34,2	**M8 (5m)**	30	26	10457	**56,82**	**VR773.1K-3E200L/4D**	142965	585	
	39,3	**M8 (5m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	142683	585	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø230	3,2	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	371
	3,7	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	177	
	4,1	**M8 (5m)**	3,0	11	2344	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	4,9	**M8 (5m)**	4,0	14	2630	**107,18**	**VR573.1K-3E112M/4D**	68017	184	
	6,0	**M8 (5m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	69151	184	
	6,8	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	7,6	**M7 (4m)**	5,5	21	2339	**69,00**	**VR573.1K-3E132S/4C**	79709	194	
	9,1	**M7 (4m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	79554	204	
	10,2	**M7 (4m)**	7,5	28	2403	**51,97**	**VR573.1K-3E132M/4D**	80785	204	
	12,5	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	14,1	**M6 (3m)**	11	39	2552	**37,64**	**VR573.1K-3E160M/4C**	85573	261	
	15,9	**M6 (3m)**	11	44	2272	**33,46**	**VR573.1K-3E160M/4C**	86236	261	
	18,8	**M6 (3m)**	15	52	2626	**28,30**	**VR573.1K-3E160L/4D**	85552	281	
	6,9	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	292	372
	7,9	**M8 (5m)**	5,5	22	2259	**66,59**	**VR673.1K-3E132S/4C**	115595	292	
	9,0	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø240	3,3	**M8 (5m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	54212	177	371
	3,8	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	177	
	4,3	**M8 (5m)**	3,0	11	2344	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	5,1	**M8 (5m)**	4,0	14	2630	**107,18**	**VR573.1K-3E112M/4D**	68017	184	
	6,3	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	7,1	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	8,0	**M7 (4m)**	5,5	21	2339	**69,00**	**VR573.1K-3E132S/4C**	79709	194	
	9,5	**M7 (4m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	79554	204	
	10,6	**M7 (4m)**	7,5	28	2403	**51,97**	**VR573.1K-3E132M/4D**	80785	204	
	13,0	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	14,7	**M6 (3m)**	11	39	2552	**37,64**	**VR573.1K-3E160M/4C**	85573	261	
	16,6	**M6 (3m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	84896	261	
	19,6	**M6 (3m)**	15	52	2626	**28,30**	**VR573.1K-3E160L/4D**	85552	281	
	5,4	**M8 (5m)**	4,0	14	2505	**102,10**	**VR673.1K-3E112M/4D**	110887	282	372
	6,3	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	7,2	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	292	
	8,3	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	292	
	9,4	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø250	3,5	**M8 (5m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	54212	177	371
	4,0	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	177	
	4,5	**M8 (5m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	64656	184	
	5,3	**M7 (4m)**	4,0	14	2630	**107,18**	**VR573.1K-3E112M/4D**	76281	184	
	6,5	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	7,4	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	8,3	**M7 (4m)**	5,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	78330	194	
	9,9	**M7 (4m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	79554	204	
	11,1	**M6 (3m)**	7,5	28	2403	**51,97**	**VR573.1K-3E132M/4D**	86002	204	
	13,5	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	15,3	**M6 (3m)**	11	39	2552	**37,64**	**VR573.1K-3E160M/4C**	85573	261	
	17,2	**M6 (3m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	84896	281	
	20,4	**M5 (2m)**	15	52	2626	**28,30**	**VR573.1K-3E160L/4D**	89706	281	
	4,7	**M8 (5m)**	4,0	12	2962	**119,86**	**VR673.1K-3E112M/4D**	108469	282	372
	5,6	**M8 (5m)**	4,0	14	2505	**102,10**	**VR673.1K-3E112M/4D**	110887	282	
	6,5	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	7,5	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	292	
	8,6	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	9,8	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø260	4,1	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	177	371

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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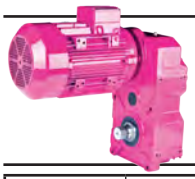

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø260	4,7	**M8 (5m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	64656	184	371
	5,6	**M7 (4m)**	4,0	14	2630	**107,18**	**VR573.1K-3E112M/4D**	76281	184	
	6,8	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	7,7	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	8,6	**M7 (4m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	78330	204	
	10,2	**M6 (3m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	85242	204	
	11,5	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	14,1	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	15,9	**M6 (3m)**	11	39	2552	**37,64**	**VR573.1K-3E160M/4C**	85573	261	
	17,9	**M6 (3m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	84896	281	
	21,2	**M5 (2m)**	15	52	2626	**28,30**	**VR573.1K-3E160L/4D**	89706	281	
	4,9	**M8 (5m)**	4,0	12	2962	**119,86**	**VR673.1K-3E112M/4D**	108469	282	372
	5,8	**M8 (5m)**	4,0	14	2505	**102,10**	**VR673.1K-3E112M/4D**	110887	282	
	6,8	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	7,8	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	292	
	9,0	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	10,2	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø270	3,8	**M8 (5m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	54212	177	371
	4,3	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	177	
	4,8	**M7 (4m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	5,8	**M7 (4m)**	4,0	14	2630	**107,18**	**VR573.1K-3E112M/4D**	76281	184	
	7,0	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	8,0	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	9,0	**M6 (3m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	10,6	**M6 (3m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	85242	204	
	11,9	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	14,6	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	16,6	**M6 (3m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	84068	261	
	18,6	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	22,0	**M5 (2m)**	15	52	2626	**28,30**	**VR573.1K-3E160L/4D**	89706	281	
	4,6	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	372
	5,1	**M8 (5m)**	4,0	12	2962	**119,86**	**VR673.1K-3E112M/4D**	108469	282	
	6,1	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	7,1	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	8,1	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	292	
	9,3	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	10,6	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø280	4,4	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	177	371
	5,0	**M7 (4m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	6,0	**M7 (4m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	74681	184	
	7,3	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	8,3	**M7 (4m)**	7,5	19	3583	**77,63**	**VR573.1K-3E132M/4D**	76646	194	
	9,3	**M6 (3m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	11,0	**M6 (3m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	85242	204	
	12,4	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	15,2	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	17,2	**M5 (2m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	281	
	19,3	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	22,8	**M5 (2m)**	18,5	52	3239	**28,30**	**VR573.1K-3E180M/4C**	88712	281	
	4,7	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	372
	5,3	**M8 (5m)**	4,0	12	2962	**119,86**	**VR673.1K-3E112M/4D**	108469	282	
	6,3	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	7,3	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	8,4	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	9,6	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	11,0	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø290	4,6	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	371
	5,2	**M7 (4m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	6,2	**M7 (4m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	7,6	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	8,6	**M6 (3m)**	7,5	19	3583	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	9,6	**M6 (3m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	11,4	**M6 (3m)**	11	25	3952	**58,36**	**VR573.1K-3E160M/4C**	83203	261	
	12,8	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	15,7	**M5 (2m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	90015	261	
	17,8	**M5 (2m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	281	
	20,0	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	23,7	**M5 (2m)**	18,5	52	3239	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	3,1	**M8 (5m)**	2,2	6,8	2876	**213,15**	**VR673.1K-3E100L/4C**	89277	275	372
	3,5	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	4,1	**M8 (5m)**	3,0	9,0	2987	**161,66**	**VR673.1K-3E100L/4D**	102235	275	
	4,9	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	5,5	**M8 (5m)**	4,0	12	2962	**119,86**	**VR673.1K-3E112M/4D**	108469	282	
	6,5	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	7,6	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	8,7	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	10,0	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	11,4	**M8 (5m)**	11	25	3965	**58,54**	**VR673.1K-3E160M/4C**	114463	359	
Ø300	4,2	**M7 (4m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	67713	177	371
	4,8	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	5,4	**M7 (4m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	6,4	**M7 (4m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	7,8	**M6 (3m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	84262	194	
	8,9	**M6 (3m)**	7,5	19	3583	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	10,0	**M6 (3m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	11,8	**M6 (3m)**	11	25	3952	**58,36**	**VR573.1K-3E160M/4C**	83203	261	
	13,3	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	16,2	**M5 (2m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	90015	261	
	18,4	**M5 (2m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	281	
	20,7	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	24,5	**M5 (2m)**	18,5	52	3239	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	3,2	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	3,6	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	4,2	**M8 (5m)**	3,0	9,0	2987	**161,66**	**VR673.1K-3E100L/4D**	102235	275	
	5,1	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	5,7	**M8 (5m)**	4,0	12	2962	**119,86**	**VR673.1K-3E112M/4D**	108469	282	
	6,7	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	7,8	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	9,0	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	10,3	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	11,8	**M8 (5m)**	11	25	3965	**58,54**	**VR673.1K-3E160M/4C**	114463	359	

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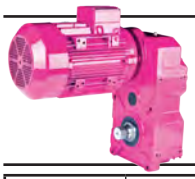
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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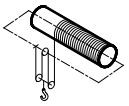

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	1,4	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	370
	1,6	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	1,9	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	2,0	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	
	2,4	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	2,7	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	3,1	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	3,6	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	4,1	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	4,7	**M8 (5m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	48313	114	
	5,7	**M7 (4m)**	4,0	43	852	**34,28**	**VR473.1K-3E112M/4D**	50759	114	
	6,8	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	124	
	5,2	**M8 (5m)**	4,0	39	934	**37,64**	**VR573.1K-3E112M/4D**	79521	184	371
	5,8	**M8 (5m)**	4,0	44	832	**33,46**	**VR573.1K-3E112M/4D**	80454	184	
	6,9	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	194	
Ø180	1,5	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	370
	1,7	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	2,0	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	2,1	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	
	2,5	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	2,9	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	3,3	**M8 (5m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	107	
	3,8	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	4,3	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	5,0	**M8 (5m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	48313	114	
	6,0	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	7,3	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	124	
	5,5	**M8 (5m)**	4,0	39	934	**37,64**	**VR573.1K-3E112M/4D**	79521	184	371
	6,2	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	7,3	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	194	
Ø190	1,6	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	370
	1,8	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	2,1	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	2,3	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	2,7	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	3,1	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	3,5	**M8 (5m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	107	
	4,0	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	4,6	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	5,2	**M7 (4m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	50379	114	
	6,4	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	7,7	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	124	
	4,2	**M8 (5m)**	3,0	28	971	**51,97**	**VR573.1K-3E100L/4D**	78210	177	371
	5,1	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	184	
	5,8	**M8 (5m)**	4,0	39	934	**37,64**	**VR573.1K-3E112M/4D**	79521	184	
	6,5	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	7,7	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	194	
Ø200	1,6	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	1,9	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	2,2	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	2,4	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	

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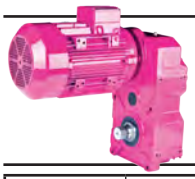
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø200	2,8	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	370
	3,2	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	46685	107	
	3,7	**M8 (5m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	107	
	4,2	**M7 (4m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	50346	107	
	4,8	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	5,5	**M7 (4m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	50379	114	
	6,7	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	8,1	**M6 (3m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	52209	124	
	4,4	**M8 (5m)**	3,0	28	971	**51,97**	**VR573.1K-3E100L/4D**	78210	177	371
	5,4	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	184	
	6,1	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	6,9	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	8,1	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	194	
Ø210	1,7	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	2,0	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	2,4	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	2,5	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	3,0	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	3,4	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	3,9	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	4,4	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	107	
	5,0	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	5,8	**M7 (4m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	50379	114	
	7,0	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	8,5	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	3,1	**M8 (5m)**	2,2	19	1058	**77,63**	**VR573.1K-3E100L/4C**	74293	174	371
	3,5	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	4,1	**M8 (5m)**	3,0	25	1089	**58,36**	**VR573.1K-3E100L/4D**	76851	177	
	4,6	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	5,6	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	184	
	6,4	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	7,2	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	8,5	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	
Ø220	1,8	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	2,1	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	2,5	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	2,6	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	3,1	**M7 (4m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	49870	105	
	3,5	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	4,0	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	4,6	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	5,3	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	6,1	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	49286	124	
	7,4	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	124	
	8,9	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	2,8	**M8 (5m)**	2,2	16	1196	**87,90**	**VR573.1K-3E100L/4C**	70215	174	371
	3,2	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	71396	177	
	3,6	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	73543	177	
	4,3	**M8 (5m)**	3,0	25	1089	**58,36**	**VR573.1K-3E100L/4D**	75138	177	
	4,8	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	75648	184	
	5,9	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	75555	184	
	6,7	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	76931	194	
	7,5	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	78149	194	
	8,9	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	77985	204	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø230	1,9	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	2,2	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	2,6	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	2,7	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	3,2	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	3,7	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	4,2	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	4,8	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	5,5	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	6,4	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	7,7	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	124	
	9,3	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	3,0	**M8 (5m)**	2,2	16	1196	**87,90**	**VR573.1K-3E100L/4C**	72098	174	371
	3,4	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	3,8	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	4,5	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	5,0	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	6,2	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	7,0	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	7,9	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	9,3	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	
Ø240	2,0	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	2,2	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	105	
	2,7	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	2,8	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	3,4	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	3,9	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	4,4	**M7 (4m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	48788	114	
	5,0	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	5,8	**M6 (3m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	52173	114	
	6,6	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	8,0	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	124	
	9,7	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	2,5	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	371
	3,1	**M8 (5m)**	2,2	16	1196	**87,90**	**VR573.1K-3E100L/4C**	72098	174	
	3,5	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	4,0	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	4,7	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	5,3	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	6,5	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	7,3	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	8,2	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	9,7	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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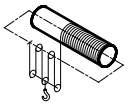

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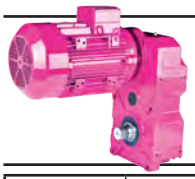
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø110	0,7	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-3E80M/4C**	22649	60	369
	0,8	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	0,9	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	1,1	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	61	
	1,2	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,4	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	1,6	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	2,0	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	2,4	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	2,6	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	3,0	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	70	
	3,5	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø120	0,7	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-3E80M/4C**	22649	60	369
	0,9	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,0	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	1,1	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,4	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,6	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	1,7	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	2,2	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	2,6	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	2,8	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	3,3	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	3,9	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø130	0,8	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	0,9	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,0	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	1,2	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,5	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,7	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	1,9	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	2,4	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	2,8	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	3,1	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	3,6	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	4,2	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	16552	73	
Ø140	0,9	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	1,0	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,1	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,3	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,6	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	1,8	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	2,0	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	2,6	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	3,0	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	3,3	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	3,9	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	73	
	4,5	**M8 (5m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	77	
Ø150	0,9	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	1,1	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,2	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,4	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,7	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	2,0	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	2,2	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	16268	70	
	2,7	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	3,2	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	3,5	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	4,1	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	73	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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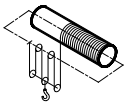

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø150	4,8	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	77	369
Ø160	1,0	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	1,1	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,3	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,5	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,8	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	2,1	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	2,3	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	2,9	**M7 (4m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	19459	70	
	3,4	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	3,8	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	4,4	**M7 (4m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	16599	77	
	5,1	**M6 (3m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	20128	77	
Ø170	1,1	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	369
	1,2	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,4	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,6	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	66	
	1,9	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	2,2	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	2,5	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	3,1	**M7 (4m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	19459	70	
	3,6	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	4,0	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	4,7	**M6 (3m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	20857	77	
	5,5	**M6 (3m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	20128	77	
Ø180	1,1	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	369
	1,3	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,4	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,7	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	66	
	2,0	**M7 (4m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	22632	66	
	2,4	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	2,6	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	3,3	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	18777	73	
	3,8	**M6 (3m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	22766	73	
	4,3	**M6 (3m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	22235	73	
	5,0	**M6 (3m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	20857	77	
	5,8	**M6 (3m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	20128	77	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø110	0,5	**M8 (5m)**	0,37	12	278	**121,67**	**VR373.1K-3E71M/4D**	23158	58	369
	0,6	**M8 (5m)**	0,55	14	360	**106,69**	**VR373.1K-3E80M/4C**	21885	60	
	0,7	**M8 (5m)**	0,55	15	319	**94,32**	**VR373.1K-3E80M/4C**	21182	60	
	0,8	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	61	
	0,9	**M8 (5m)**	0,75	21	312	**67,45**	**VR373.1K-3E80M/4D**	19072	61	
	1,1	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	1,2	**M8 (5m)**	1,1	28	357	**52,30**	**VR373.1K-3E90S/4C**	17448	64	
	1,5	**M8 (5m)**	1,1	35	283	**41,42**	**VR373.1K-3E90S/4C**	16429	64	
	1,8	**M8 (5m)**	1,5	41	332	**35,49**	**VR373.1K-3E90L/4D**	15482	66	
	1,9	**M8 (5m)**	1,5	45	301	**32,11**	**VR373.1K-3E90L/4D**	15095	66	
	2,3	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	70	
	2,7	**M8 (5m)**	2,2	61	324	**23,58**	**VR373.1K-3E100L/4C**	13592	70	
Ø120	0,6	**M8 (5m)**	0,55	12	413	**121,67**	**VR373.1K-3E80M/4C**	22710	60	369
	0,6	**M8 (5m)**	0,55	14	360	**106,69**	**VR373.1K-3E80M/4C**	21885	60	
	0,7	**M8 (5m)**	0,55	15	319	**94,32**	**VR373.1K-3E80M/4C**	21182	60	
	0,9	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	61	
	1,0	**M8 (5m)**	0,75	21	312	**67,45**	**VR373.1K-3E80M/4D**	19072	61	
	1,2	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	1,3	**M8 (5m)**	1,1	28	357	**52,30**	**VR373.1K-3E90S/4C**	17448	64	
	1,6	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	1,9	**M8 (5m)**	1,5	41	332	**35,49**	**VR373.1K-3E90L/4D**	15482	66	
	2,1	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	2,5	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	70	
	2,9	**M8 (5m)**	2,2	61	324	**23,58**	**VR373.1K-3E100L/4C**	13592	70	
Ø130	0,6	**M8 (5m)**	0,55	12	413	**121,67**	**VR373.1K-3E80M/4C**	22710	60	369
	0,7	**M8 (5m)**	0,55	14	360	**106,69**	**VR373.1K-3E80M/4C**	21885	60	
	0,8	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	0,9	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	61	
	1,1	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,3	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	1,4	**M8 (5m)**	1,1	28	357	**52,30**	**VR373.1K-3E90S/4C**	17448	64	
	1,8	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	2,1	**M8 (5m)**	1,5	41	332	**35,49**	**VR373.1K-3E90L/4D**	15482	66	
	2,3	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	2,7	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	70	
	3,1	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	70	
Ø140	0,6	**M8 (5m)**	0,55	12	413	**121,67**	**VR373.1K-3E80M/4C**	22710	60	369
	0,7	**M8 (5m)**	0,55	14	360	**106,69**	**VR373.1K-3E80M/4C**	21885	60	
	0,8	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	1,0	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	61	
	1,2	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,4	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	1,5	**M8 (5m)**	1,1	28	357	**52,30**	**VR373.1K-3E90S/4C**	17448	64	
	1,9	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	2,2	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	2,5	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	2,9	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	70	
	3,4	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	70	
Ø150	0,7	**M8 (5m)**	0,55	12	413	**121,67**	**VR373.1K-3E80M/4C**	22710	60	369
	0,8	**M8 (5m)**	0,75	13	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	0,9	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	1,1	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,3	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,5	**M8 (5m)**	1,1	24	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	1,6	**M8 (5m)**	1,5	27	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	2,1	**M8 (5m)**	1,5	34	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	2,4	**M8 (5m)**	2,2	39	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	2,7	**M8 (5m)**	2,2	44	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	3,1	**M8 (5m)**	3,0	51	515	**27,53**	**VR373.1K-3E100L/4D**	13658	70	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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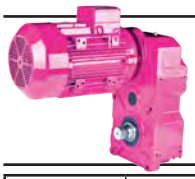

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø150	3,6	**M8 (5m)**	3,0	59	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	369
Ø160	0,7	**M8 (5m)**	0,55	12	413	**121,67**	**VR373.1K-3E80M/4C**	22710	60	369
	0,9	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,0	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	1,1	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,4	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,6	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	1,7	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	2,2	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	2,6	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	2,8	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	3,3	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	3,9	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø170	0,8	**M8 (5m)**	0,75	12	564	**121,67**	**VR373.1K-3E80M/4D**	22213	61	369
	0,9	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,0	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	1,2	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,4	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,7	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	1,8	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	2,3	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	2,7	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	3,0	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	3,5	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	4,1	**M7 (4m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	16552	73	
Ø180	0,8	**M8 (5m)**	0,75	12	564	**121,67**	**VR373.1K-3E80M/4D**	22213	61	369
	1,0	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,1	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,3	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,5	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,8	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	2,0	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	2,5	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	2,9	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	3,2	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	3,7	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	73	
	4,3	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	77	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø300	6,5	**M7 (4m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	104696	292	372
	7,3	**M7 (4m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	107152	302	
	8,5	**M7 (4m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	110778	302	
	10,3	**M7 (4m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	109499	359	
	11,6	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	13,6	**M7 (4m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	111606	379	
	15,8	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	18,2	**M6 (3m)**	18,5	19	8590	**76,17**	**VR673.1K-3E180M/4C**	122393	379	
	20,9	**M6 (3m)**	18,5	22	7523	**66,59**	**VR673.1K-3E180M/4C**	123710	408	
	23,7	**M6 (3m)**	22	25	7903	**58,54**	**VR673.1K-3E180L/4D**	123235	418	
	5,9	**M8 (5m)**	5,5	6,2	7860	**233,77**	**VR773.1K-3E132S/4C**	114944	413	373
	6,9	**M8 (5m)**	7,5	7,3	9165	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	8,3	**M8 (5m)**	7,5	8,8	7633	**166,50**	**VR773.1K-3E132M/4D**	129498	423	
	9,3	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	10,8	**M8 (5m)**	11	11	8641	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	12,4	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	14,2	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	16,1	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	18,2	**M8 (5m)**	18,5	19	8639	**76,29**	**VR773.1K-3E180M/4C**	145661	500	
	20,4	**M8 (5m)**	18,5	22	7713	**68,02**	**VR773.1K-3E180M/4C**	148191	529	
	21,2	**M8 (5m)**	18,5	22	7431	**65,59**	**VR773.1K-3E180M/4C**	148034	529	
	24,4	**M8 (5m)**	22	26	7694	**56,82**	**VR773.1K-3E180L/4D**	145986	539	
	28,1	**M8 (5m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø320	6,9	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	372
	7,8	**M7 (4m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	107152	302	
	9,1	**M7 (4m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	106246	359	
	11,0	**M7 (4m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	109499	359	
	12,3	**M6 (3m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	124506	359	
	14,5	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	16,8	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	19,5	**M6 (3m)**	18,5	19	8590	**76,17**	**VR673.1K-3E180M/4C**	122393	408	
	22,3	**M6 (3m)**	22	22	8946	**66,59**	**VR673.1K-3E180L/4D**	121840	408	
	25,2	**M5 (2m)**	22	25	7903	**58,54**	**VR673.1K-3E180L/4D**	130962	418	
	6,3	**M8 (5m)**	5,5	6,2	7860	**233,77**	**VR773.1K-3E132S/4C**	114944	413	373
	7,4	**M8 (5m)**	7,5	7,3	9165	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	8,8	**M8 (5m)**	7,5	8,8	7633	**166,50**	**VR773.1K-3E132M/4D**	129498	423	
	9,9	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	11,5	**M8 (5m)**	11	11	8641	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	13,2	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	15,1	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	17,2	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	19,4	**M8 (5m)**	18,5	19	8639	**76,29**	**VR773.1K-3E180M/4C**	145661	529	
	21,8	**M8 (5m)**	18,5	22	7713	**68,02**	**VR773.1K-3E180M/4C**	148191	529	
	22,6	**M8 (5m)**	22	22	8837	**65,59**	**VR773.1K-3E180L/4D**	146519	529	
	26,0	**M8 (5m)**	22	26	7694	**56,82**	**VR773.1K-3E180L/4D**	145986	539	
	30,0	**M8 (5m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø340	7,3	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	372
	8,2	**M7 (4m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	107152	302	
	9,7	**M6 (3m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	11,7	**M6 (3m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	123203	359	
	13,1	**M6 (3m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	124506	359	
	15,4	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	17,9	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	20,7	**M6 (3m)**	18,5	19	8590	**76,17**	**VR673.1K-3E180M/4C**	122393	408	
	23,6	**M5 (2m)**	22	22	8946	**66,59**	**VR673.1K-3E180L/4D**	130268	418	
	26,8	**M5 (2m)**	30	25	10777	**58,54**	**VR673.1K-3E200L/4D**	127185	418	
	6,7	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373

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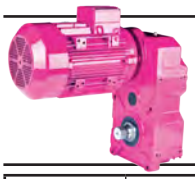

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø340	7,8	**M8 (5m)**	7,5	7,3	9165	**200,14**	**VR773.1K-3E132M/4D**	122543	423	373
	9,4	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	10,5	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	12,2	**M8 (5m)**	11	11	8641	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	14,1	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	16,1	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	18,3	**M8 (5m)**	18,5	17	9756	**85,99**	**VR773.1K-3E180M/4C**	142772	500	
	20,6	**M8 (5m)**	18,5	19	8639	**76,29**	**VR773.1K-3E180M/4C**	145661	529	
	23,2	**M8 (5m)**	22	22	9172	**68,02**	**VR773.1K-3E180L/4D**	146618	539	
	24,0	**M8 (5m)**	22	22	8837	**65,59**	**VR773.1K-3E180L/4D**	146519	539	
	27,6	**M8 (5m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	142970	585	
	31,8	**M8 (5m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø360	7,7	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	372
	8,7	**M6 (3m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	127223	302	
	10,2	**M6 (3m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	12,4	**M6 (3m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	123203	359	
	13,9	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	120668	379	
	16,3	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	18,9	**M5 (2m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	131243	408	
	21,9	**M5 (2m)**	18,5	19	8590	**76,17**	**VR673.1K-3E180M/4C**	131671	408	
	25,0	**M5 (2m)**	22	22	8946	**66,59**	**VR673.1K-3E180L/4D**	130268	418	
	28,4	**M5 (2m)**	30	25	10777	**58,54**	**VR673.1K-3E200L/4D**	127185	464	
	7,1	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	8,3	**M8 (5m)**	7,5	7,3	9165	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	9,9	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	11,2	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	12,9	**M8 (5m)**	11	11	8641	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	14,9	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	17,0	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	19,3	**M8 (5m)**	18,5	17	9756	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	21,9	**M8 (5m)**	18,5	19	8639	**76,29**	**VR773.1K-3E180M/4C**	145661	529	
	24,5	**M8 (5m)**	22	22	9172	**68,02**	**VR773.1K-3E180L/4D**	146618	539	
	25,4	**M8 (5m)**	22	22	8837	**65,59**	**VR773.1K-3E180L/4D**	146519	539	
	29,2	**M7 (4m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	33,7	**M7 (4m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	151398	585	
Ø380	8,2	**M6 (3m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	127019	302	372
	9,2	**M6 (3m)**	11	7,7	12686	**189,61**	**VR673.1K-3E160M/4C**	121919	359	
	10,8	**M6 (3m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	13,0	**M6 (3m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	123203	359	
	14,6	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	120668	379	
	17,2	**M5 (2m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	133758	379	
	20,0	**M5 (2m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	131243	408	
	23,1	**M5 (2m)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	129536	418	
	26,4	**M5 (2m)**	22	22	8946	**66,59**	**VR673.1K-3E180L/4D**	130268	418	
	30,0	**M5 (2m)**	30	25	10777	**58,54**	**VR673.1K-3E200L/4D**	127185	464	
	7,5	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	8,7	**M8 (5m)**	7,5	7,3	9165	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	10,5	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	11,8	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	13,6	**M8 (5m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	133702	500	
	15,7	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	18,0	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	20,4	**M8 (5m)**	18,5	17	9756	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	23,1	**M8 (5m)**	22	19	10273	**76,29**	**VR773.1K-3E180L/4D**	143899	539	
	25,9	**M7 (4m)**	22	22	9172	**68,02**	**VR773.1K-3E180L/4D**	155561	539	
	26,8	**M7 (4m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	151971	539	
	30,9	**M7 (4m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	35,6	**M7 (4m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	151398	585	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø380	25,5	**M8 (5m)**	22	21	9329	**69,01**	**VR873.1K-3E180L/4D**	150258	890	374
	29,1	**M8 (5m)**	30	24	11177	**60,33**	**VR873.1K-3E200L/4D**	150256	965	
	33,1	**M8 (5m)**	30	28	9840	**53,03**	**VR873.1K-3E200L/4D**	149661	965	
	37,6	**M8 (5m)**	37	32	10693	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø400	8,6	**M6 (3m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	121919	302	372
	9,7	**M6 (3m)**	11	7,7	12686	**189,61**	**VR673.1K-3E160M/4C**	122575	359	
	11,4	**M6 (3m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	134529	359	
	13,7	**M5 (2m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4D**	134063	379	
	15,4	**M5 (2m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	130898	379	
	18,1	**M5 (2m)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	131243	379	
	21,0	**M5 (2m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	129536	408	
	24,3	**M5 (2m)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	129541	418	
	7,8	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	9,2	**M8 (5m)**	11	7,3	13442	**200,14**	**VR773.1K-3E160M/4C**	117932	480	
	11,1	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	12,4	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	14,3	**M8 (5m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	133702	500	
	16,6	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	18,9	**M8 (5m)**	18,5	15	11049	**97,55**	**VR773.1K-3E180M/4C**	139405	529	
	21,5	**M8 (5m)**	18,5	17	9756	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	24,3	**M7 (4m)**	22	19	10273	**76,29**	**VR773.1K-3E180L/4D**	153560	539	
	27,2	**M7 (4m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	28,2	**M7 (4m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	32,5	**M7 (4m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	37,5	**M7 (4m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	149105	621	
	25,3	**M8 (5m)**	22	20	9888	**73,09**	**VR873.1K-3E180L/4D**	146980	890	374
	26,8	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	30,6	**M8 (5m)**	30	24	11177	**60,33**	**VR873.1K-3E200L/4D**	150256	965	
	34,8	**M8 (5m)**	30	28	9840	**53,03**	**VR873.1K-3E200L/4D**	149661	965	
	39,6	**M8 (5m)**	37	32	10693	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø420	9,0	**M6 (3m)**	11	6,8	14283	**213,15**	**VR673.1K-3E160M/4C**	121048	302	372
	10,2	**M5 (2m)**	11	7,7	12686	**189,61**	**VR673.1K-3E160M/4C**	145979	359	
	12,0	**M5 (2m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	141576	359	
	14,4	**M5 (2m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4D**	134529	379	
	16,2	**M5 (2m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	134063	379	
	19,0	**M4 (1Am)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	143568	408	
	22,1	**M4 (1Am)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	142370	408	
	25,5	**M4 (1Am)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	139457	418	
	8,2	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	9,7	**M8 (5m)**	11	7,3	13442	**200,14**	**VR773.1K-3E160M/4C**	117932	480	
	11,6	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	13,0	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	15,1	**M8 (5m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	133702	500	
	17,4	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	19,9	**M7 (4m)**	18,5	15	11049	**97,55**	**VR773.1K-3E180M/4C**	150936	529	
	22,5	**M7 (4m)**	22	17	11602	**85,99**	**VR773.1K-3E180L/4D**	151295	529	
	25,5	**M7 (4m)**	22	19	10273	**76,29**	**VR773.1K-3E180L/4D**	153560	539	
	28,6	**M7 (4m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	29,7	**M7 (4m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	34,1	**M7 (4m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	39,3	**M7 (4m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	149105	621	
	21,3	**M8 (5m)**	18,5	16	10379	**91,16**	**VR873.1K-3E180M/4C**	141084	875	374
	23,8	**M8 (5m)**	22	18	11036	**81,40**	**VR873.1K-3E180L/4D**	143570	890	
	26,6	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	28,2	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	

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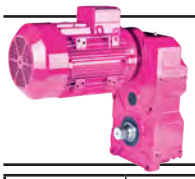

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø420	32,1	**M8**	30	24	11177	**60,33**	**VR873.1K-3E200L/4D**	150256	965	374
	36,6	**M8**	37	28	12137	**53,03**	**VR873.1K-3E225S/4C**	147840	1025	
	41,5	**M8**	37	32	10693	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø440	8,6	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	10,1	**M8 (5m)**	11	7,3	13442	**200,14**	**VR773.1K-3E160M/4C**	117932	480	
	12,2	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	13,6	**M8 (5m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	128335	500	
	15,8	**M7 (4m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	148048	500	
	18,2	**M7 (4m)**	18,5	13	12609	**111,53**	**VR773.1K-3E180M/4C**	148230	500	
	20,8	**M7 (4m)**	18,5	15	11049	**97,55**	**VR773.1K-3E180M/4C**	150936	529	
	23,6	**M7 (4m)**	22	17	11602	**85,99**	**VR773.1K-3E180L/4D**	151295	539	
	26,7	**M7 (4m)**	22	19	10273	**76,29**	**VR773.1K-3E180L/4D**	153560	539	
	30,0	**M6 (3m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	161310	585	
	31,1	**M6 (3m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	161288	585	
	35,7	**M6 (3m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	160997	585	
	15.1	**M8 (5m)**	15	11	12327	**134.22**	**VR873.1K-3E160L/4D**	125889	825	374
	17.4	**M8 (5m)**	15	13	10752	**116.84**	**VR873.1K-3E160L/4D**	132750	825	
	19.8	**M8 (5m)**	18.5	14	11684	**102.78**	**VR873.1K-3E180M/4C**	136441	875	
	22.3	**M8 (5m)**	22	16	12342	**91.16**	**VR873.1K-3E180L/4D**	139526	890	
	25.0	**M8 (5m)**	22	18	11036	**81.40**	**VR873.1K-3E180L/4D**	143570	890	
	27.9	**M8 (5m)**	30	20	13483	**73.09**	**VR873.1K-3E200L/4D**	144128	965	
	29.5	**M8 (5m)**	30	21	12721	**69.01**	**VR873.1K-3E200L/4D**	147568	965	
	33.7	**M8 (5m)**	30	24	11177	**60.33**	**VR873.1K-3E200L/4D**	150256	965	
	38.3	**M8 (5m)**	37	28	12137	**53.03**	**VR873.1K-3E225S/4C**	147840	1025	
	43.5	**M8 (5m)**	37	32	10693	**46.82**	**VR873.1K-3E225S/4C**	147359	1025	

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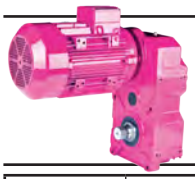
Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	4,3	**M7 (4m)**	4,0	10	3501	**143,35**	**VR573.1K-3E112M/4D**	70753	184	371
	4,9	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	5,8	**M6 (3m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	7,1	**M6 (3m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	82491	204	
	8,0	**M6 (3m)**	7,5	19	3571	**77,63**	**VR573.1K-3E132M/4D**	83614	204	
	9,0	**M6 (3m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	82189	204	
	10,7	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	12,0	**M5 (2m)**	11	28	3512	**51,97**	**VR573.1K-3E160M/4C**	89846	261	
	14,6	**M5 (2m)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	88313	281	
	16,6	**M5 (2m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	281	
	18,7	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	22,1	**M4 (1Am)**	18,5	52	3228	**28,30**	**VR573.1K-3E180M/4C**	93054	311	
	2,9	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	88704	275	372
	3,2	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	97481	275	
	3,8	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	101441	282	
	4,6	**M8 (5m)**	4,0	11	3296	**134,51**	**VR673.1K-3E112M/4D**	105206	282	
	5,2	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	107358	292	
	6,1	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	110035	292	
	7,1	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110802	302	
	8,2	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	112934	302	
	9,4	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112811	359	
	10,6	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114662	359	
Ø280	4,5	**M6 (3m)**	4,0	10	3501	**143,35**	**VR573.1K-3E112M/4D**	83697	184	371
	5,1	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	6,0	**M6 (3m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	7,3	**M6 (3m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	82491	204	
	8,3	**M6 (3m)**	7,5	19	3571	**77,63**	**VR573.1K-3E132M/4D**	83614	204	
	9,4	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	11,1	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	12,4	**M5 (2m)**	11	28	3512	**51,97**	**VR573.1K-3E160M/4C**	89846	261	
	15,2	**M5 (2m)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	88313	281	
	17,2	**M4 (1Am)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	93900	281	
	19,4	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	22,9	**M4 (1Am)**	22	52	3839	**28,30**	**VR573.1K-3E180L/4D**	92064	320	
	3,0	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	88704	275	372
	3,4	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	97481	275	
	4,0	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	101441	282	
	4,8	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	105206	282	
	5,4	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	107358	292	
	6,3	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	110035	292	
	7,3	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110802	302	
	8,5	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	112934	302	
	9,7	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112811	359	
	11,0	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114662	359	
Ø290	4,6	**M6 (3m)**	4,0	10	3501	**143,35**	**VR573.1K-3E112M/4D**	83697	184	371
	5,2	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	6,2	**M6 (3m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	7,6	**M6 (3m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	82491	204	
	8,6	**M5 (2m)**	7,5	19	3571	**77,63**	**VR573.1K-3E132M/4D**	91372	204	
	9,7	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	11,5	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	12,9	**M5 (2m)**	11	28	3512	**51,97**	**VR573.1K-3E160M/4C**	89846	261	
	15,7	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	17,8	**M4 (1Am)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	93900	281	
	20,1	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	23,7	**M4 (1Am)**	22	52	3839	**28,30**	**VR573.1K-3E180L/4D**	92064	320	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø290	3,1	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	88704	275	372
	3,5	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	97481	275	
	4,1	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	101441	282	
	4,9	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103513	292	
	5,5	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	107358	292	
	6,5	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	110035	292	
	7,6	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110802	302	
	8,8	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	112934	302	
	10,1	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112811	359	
	11,4	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114662	359	
Ø300	4,8	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371
	5,4	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	6,4	**M6 (3m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	7,8	**M5 (2m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	8,9	**M5 (2m)**	7,5	19	3571	**77,63**	**VR573.1K-3E132M/4D**	91372	204	
	10,0	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	11,9	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	13,3	**M5 (2m)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	87774	261	
	16,2	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	18,4	**M4 (1Am)**	18,5	39	4292	**37,64**	**VR573.1K-3E180M/4C**	92583	311	
	20,8	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	24,5	**M4 (1Am)**	22	52	3839	**28,30**	**VR573.1K-3E180L/4D**	92064	320	
	3,2	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	88704	275	372
	3,6	**M8 (5m)**	4,0	7,6	4661	**189,61**	**VR673.1K-3E112M/4D**	95895	282	
	4,3	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	101441	282	
	5,1	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103513	292	
	5,7	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	107358	292	
	6,7	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	108319	302	
	7,9	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110802	302	
	9,1	**M8 (5m)**	11	19	5143	**76,17**	**VR673.1K-3E160M/4C**	112934	302	
	10,4	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112811	359	
	11,8	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114662	359	
Ø310	5,0	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371
	5,6	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	6,6	**M6 (3m)**	7,5	14	4932	**107,18**	**VR573.1K-3E132M/4D**	81646	204	
	8,1	**M5 (2m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	9,2	**M5 (2m)**	11	19	5237	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	10,4	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	12,3	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	13,8	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	16,8	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	19,0	**M4 (1Am)**	18,5	39	4292	**37,64**	**VR573.1K-3E180M/4C**	92583	311	
	21,5	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	25,4	**M4 (1Am)**	22	52	3839	**28,30**	**VR573.1K-3E180L/4D**	92064	320	
	3,3	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	88704	275	372
	3,7	**M8 (5m)**	4,0	7,6	4661	**189,61**	**VR673.1K-3E112M/4D**	95895	282	
	4,4	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	101441	282	
	5,3	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103513	292	
	5,9	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	107358	292	
	7,0	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	108319	302	
	8,1	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110802	302	
	9,4	**M8 (5m)**	11	19	5143	**76,17**	**VR673.1K-3E160M/4C**	110684	359	
	10,7	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112811	359	
	12,2	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114662	359	

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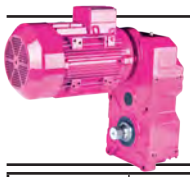
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø320	5,1	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371
	5,8	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	6,8	**M5 (2m)**	7,5	14	4932	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	8,4	**M5 (2m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	9,5	**M5 (2m)**	11	19	5237	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	10,7	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	12,7	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	14,2	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	17,3	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	3,4	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	88704	275	372
	3,8	**M8 (5m)**	4,0	7,6	4661	**189,61**	**VR673.1K-3E112M/4D**	95895	282	
	4,5	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	101441	282	
	5,5	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103513	292	
	6,1	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	107358	292	
	7,2	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	108319	302	
	8,4	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110802	302	
	9,7	**M8 (5m)**	11	19	5143	**76,17**	**VR673.1K-3E160M/4C**	110684	359	
	11,1	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112811	359	
	12,6	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114662	359	
Ø330	5,3	**M6 (3m)**	5,5	10	5027	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371
	6,0	**M6 (3m)**	5,5	12	4456	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	7,1	**M5 (2m)**	7,5	14	5149	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	8,6	**M5 (2m)**	7,5	17	4229	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	9,8	**M5 (2m)**	11	19	5488	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	11,0	**M5 (2m)**	11	21	4885	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	13,0	**M4 (1Am)**	11	25	4140	**58,36**	**VR573.1K-3E160M/4C**	96061	261	
	14,7	**M4 (1Am)**	15	28	5034	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	17,9	**M4 (1Am)**	15	34	4134	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	3,5	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86925	282	372
	4,0	**M8 (5m)**	4,0	7,6	4661	**189,61**	**VR673.1K-3E112M/4D**	95895	282	
	4,7	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	101441	282	
	5,6	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103513	292	
	6,3	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	107358	292	
	7,4	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	108319	302	
	8,6	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110802	302	
	10,0	**M8 (5m)**	11	19	5143	**76,17**	**VR673.1K-3E160M/4C**	110684	359	
	11,4	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112811	359	
	13,0	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114662	359	
Ø340	5,4	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371
	6,1	**M5 (2m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	95485	194	
	7,3	**M5 (2m)**	7,5	14	4932	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	8,9	**M5 (2m)**	11	17	5920	**87,90**	**VR573.1K-3E160M/4C**	88266	204	
	10,1	**M5 (2m)**	11	19	5237	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	11,4	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	13,4	**M4 (1Am)**	15	25	5371	**58,36**	**VR573.1K-3E160L/4D**	93738	281	
	15,1	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	3,6	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86925	282	372
	4,1	**M8 (5m)**	4,0	7,6	4661	**189,61**	**VR673.1K-3E112M/4D**	95895	282	
	4,8	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	99409	292	
	5,8	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103513	292	
	6,5	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	107358	292	
	7,6	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	108319	302	
	8,9	**M8 (5m)**	11	17	5914	**87,77**	**VR673.1K-3E160M/4C**	110802	302	
	10,3	**M8 (5m)**	11	19	5143	**76,17**	**VR673.1K-3E160M/4C**	110684	359	
	11,8	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112811	359	
	13,4	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112680	379	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	3,7	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	371
	4,2	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	
	5,1	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	5,8	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	6,5	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	7,7	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø200	1,6	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	1,9	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	2,2	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	2,4	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	2,8	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	3,2	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	3,7	**M7 (4m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	48788	114	
	4,2	**M6 (3m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	51795	114	
	4,8	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	5,5	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	6,7	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50648	134	
	8,1	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	134	
	1,8	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	371
	2,1	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	2,6	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	2,9	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	3,3	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	3,9	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	4,4	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	
	5,4	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	6,1	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	6,9	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	8,1	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø210	1,7	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	101	370
	2,0	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	2,4	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	2,5	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	3,0	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	3,4	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	3,9	**M6 (3m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	114	
	4,4	**M6 (3m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	51795	114	
	5,1	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	5,8	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	7,0	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50648	134	
	8,5	**M5 (2m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	53215	134	
	1,7	**M8 (5m)**	1,5	10	1322	**143,35**	**VR573.1K-3E90L/4D**	63206	170	371
	1,9	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	2,2	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	2,7	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	3,1	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	3,5	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	4,1	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	4,6	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	
	5,6	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	6,4	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	7,2	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	8,5	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø220	1,8	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	370
	2,1	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	2,5	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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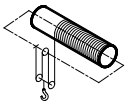

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø220	2,6	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	370
	3,1	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	3,5	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	4,0	**M6 (3m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	114	
	4,6	**M6 (3m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	51795	114	
	5,3	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	6,1	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	7,4	**M5 (2m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	52775	134	
	8,9	**M5 (2m)**	11	51	1942	**28,45**	**VR473.1K-3E160M/4C**	51463	134	
	1,5	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	1,7	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	170	
	2,0	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	2,3	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	2,8	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	3,2	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	3,6	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	4,3	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	4,9	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	5,9	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	6,7	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	7,5	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	8,9	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	204	
Ø230	1,9	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	370
	2,2	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	2,6	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	46330	107	
	2,7	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	
	3,2	**M6 (3m)**	3,0	17	1500	**81,00**	**VR473.1K-3E100L/4D**	51728	107	
	3,7	**M6 (3m)**	4,0	20	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	4,2	**M6 (3m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	114	
	4,9	**M6 (3m)**	5,5	26	1845	**54,35**	**VR473.1K-3E132S/4C**	50368	124	
	5,6	**M6 (3m)**	5,5	30	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	6,4	**M5 (2m)**	5,5	34	1414	**41,50**	**VR473.1K-3E132S/4C**	53672	124	
	7,7	**M5 (2m)**	7,5	41	1597	**34,28**	**VR473.1K-3E132M/4D**	52775	134	
	1,8	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	371
	2,1	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	2,4	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	3,0	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	3,4	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	3,8	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	4,5	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	5,1	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	6,2	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	7,0	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	7,9	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	9,3	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	
Ø240	2,0	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	370
	2,2	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	2,7	**M6 (3m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	50219	107	
	2,8	**M6 (3m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	50784	107	
	3,4	**M6 (3m)**	3,0	17	1500	**81,00**	**VR473.1K-3E100L/4D**	51728	107	
	3,9	**M6 (3m)**	4,0	20	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	4,4	**M5 (2m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	54122	114	
	5,1	**M5 (2m)**	5,5	26	1845	**54,35**	**VR473.1K-3E132S/4C**	52940	124	
	5,8	**M5 (2m)**	5,5	30	1611	**47,37**	**VR473.1K-3E132S/4C**	53333	124	
	6,6	**M5 (2m)**	7,5	34	1929	**41,50**	**VR473.1K-3E132M/4D**	52214	134	
	8,0	**M5 (2m)**	7,5	41	1597	**34,28**	**VR473.1K-3E132M/4D**	52775	134	

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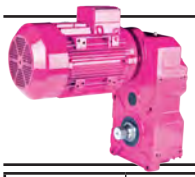

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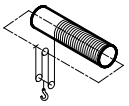

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø240	1,7	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	1,9	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	2,2	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	2,5	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	3,1	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	3,5	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	177	
	4,0	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	4,7	**M8 (5m)**	5,5	25	1996	**58,36**	**VR573.1K-3E132S/4C**	75379	184	
	5,3	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	6,5	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	7,3	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	8,2	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	9,8	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	

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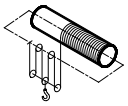

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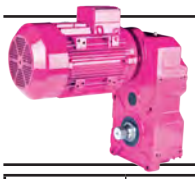
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø130	0,8	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	0,9	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,0	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,2	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	64	
	1,5	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	1,7	**M8 (5m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	16590	66	
	1,9	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	2,4	**M7 (4m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	19459	70	
	2,8	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	3,1	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	3,6	**M7 (4m)**	4,0	53	682	**27,53**	**VR373.1K-3E112M/4D**	16576	77	
	4,2	**M6 (3m)**	4,0	62	586	**23,58**	**VR373.1K-3E112M/4D**	20096	77	
	1,8	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	370
	2,1	**M8 (5m)**	2,2	31	649	**47,37**	**VR473.1K-3E100L/4C**	49234	105	
	2,4	**M8 (5m)**	2,2	35	570	**41,50**	**VR473.1K-3E100L/4C**	49635	105	
	2,9	**M8 (5m)**	3,0	42	643	**34,28**	**VR473.1K-3E100L/4D**	49419	107	
	3,5	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	
Ø140	0,9	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	369
	1,0	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,1	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,3	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	66	
	1,6	**M7 (4m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	22632	66	
	1,8	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	2,0	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	2,6	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	18777	73	
	3,0	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	3,3	**M6 (3m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	22235	73	
	3,9	**M6 (3m)**	4,0	53	682	**27,53**	**VR373.1K-3E112M/4D**	20825	77	
	4,5	**M6 (3m)**	4,0	62	586	**23,58**	**VR373.1K-3E112M/4D**	20096	77	
	1,5	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	370
	1,7	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	2,0	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	
	2,2	**M8 (5m)**	2,2	31	649	**47,37**	**VR473.1K-3E100L/4C**	49234	105	
	2,6	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	107	
	3,1	**M8 (5m)**	3,0	42	643	**34,28**	**VR473.1K-3E100L/4D**	49419	107	
	3,8	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	
Ø150	0,9	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	369
	1,1	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,2	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,4	**M7 (4m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	23507	66	
	1,7	**M7 (4m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	22632	66	
	2,0	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	2,2	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	2,7	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	18777	73	
	3,2	**M6 (3m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	22766	73	
	3,5	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	77	
	4,2	**M6 (3m)**	4,0	53	682	**27,53**	**VR373.1K-3E112M/4D**	20825	77	
	4,9	**M6 (3m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	19369	87	
	1,4	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	370
	1,6	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	1,8	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	2,1	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	
	2,4	**M8 (5m)**	2,2	31	649	**47,37**	**VR473.1K-3E100L/4C**	49234	105	
	2,7	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	107	
	3,3	**M8 (5m)**	3,0	42	643	**34,28**	**VR473.1K-3E100L/4D**	49419	107	
	4,0	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø160	1,0	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	369
	1,1	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,3	**M7 (4m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	24440	66	
	1,5	**M7 (4m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	23507	66	
	1,8	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	21667	70	
	2,1	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	2,3	**M6 (3m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	25686	70	
	2,9	**M6 (3m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	23590	73	
	3,4	**M6 (3m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	22034	73	
	3,8	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	77	
	4,4	**M6 (3m)**	4,0	53	682	**27,53**	**VR373.1K-3E112M/4D**	20825	77	
	5,2	**M5 (2m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	24468	87	
	1,3	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	370
	1,5	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	1,7	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	2,0	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	2,2	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	
	2,6	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	2,9	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	107	
	3,5	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	114	
	4,3	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	
Ø170	1,1	**M7 (4m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	26779	64	369
	1,2	**M7 (4m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	25966	64	
	1,4	**M7 (4m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	24440	66	
	1,6	**M7 (4m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	23507	66	
	1,9	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	21667	70	
	2,2	**M6 (3m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	26295	70	
	2,5	**M6 (3m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	25686	70	
	3,1	**M6 (3m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	23590	73	
	3,6	**M6 (3m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	22034	77	
	4,0	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	77	
	4,7	**M5 (2m)**	5,5	53	938	**27,53**	**VR373.1K-3E132S/4C**	25319	87	
	5,5	**M5 (2m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	24468	87	
	0,9	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	370
	1,1	**M8 (5m)**	1,1	12	820	**121,49**	**VR473.1K-3E90S/4C**	45238	99	
	1,3	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	1,3	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	
	1,6	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	1,8	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	2,1	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	2,4	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	
	2,7	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	3,1	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	107	
	3,8	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	114	
	4,6	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	
Ø180	1,1	**M6 (3m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	33431	64	369
	1,3	**M6 (3m)**	1,5	14	981	**106,69**	**VR373.1K-3E90L/4D**	31495	66	
	1,4	**M6 (3m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	30603	66	
	1,7	**M6 (3m)**	2,2	18	1075	**79,34**	**VR373.1K-3E100L/4C**	28225	70	
	2,0	**M5 (2m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	34244	70	
	2,4	**M5 (2m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	32982	70	
	2,6	**M5 (2m)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	31317	73	
	3,3	**M5 (2m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	29640	73	
	3,8	**M4 (1Am)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	34923	77	
	4,3	**M4 (1Am)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	34080	77	
	1,0	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	370
	1,1	**M8 (5m)**	1,1	12	820	**121,49**	**VR473.1K-3E90S/4C**	45238	99	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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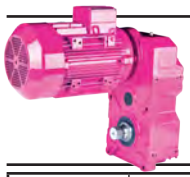
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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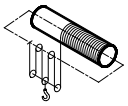

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø180	1,3	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	370
	1,4	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	
	1,7	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	1,9	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	2,2	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	2,5	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	
	2,9	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	3,3	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	107	
	4,0	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	114	
	4,8	**M8 (5m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	48468	124	
Ø190	1,2	**M5 (2m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	41793	64	369
	1,4	**M5 (2m)**	1,5	14	981	**106,69**	**VR373.1K-3E90L/4D**	39534	66	
	1,5	**M5 (2m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	38350	66	
	1,8	**M5 (2m)**	2,2	18	1075	**79,34**	**VR373.1K-3E100L/4C**	35580	70	
	2,1	**M5 (2m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	34244	70	
	2,5	**M4 (1Am)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	41217	70	
	2,8	**M4 (1Am)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	39309	73	
	3,5	**M4 (1Am)**	4,0	35	1031	**41,42**	**VR373.1K-3E112M/4D**	36239	77	
	4,1	**M4 (1Am)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	34923	77	
	4,5	**M4 (1Am)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	34080	77	
	1,0	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	370
	1,2	**M8 (5m)**	1,1	12	820	**121,49**	**VR473.1K-3E90S/4C**	45238	99	
	1,4	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	1,5	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	
	1,8	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	2,0	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	2,3	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	2,7	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	3,0	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	3,5	**M8 (5m)**	4,0	35	1036	**41,50**	**VR473.1K-3E112M/4D**	48314	114	
	4,2	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	114	
	5,1	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	124	
	5,1	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	194	371
Ø200	1,1	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	55152	99	370
	1,2	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	52968	101	
	1,5	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	52347	101	
	1,6	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	51433	101	
	1,9	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	49025	105	
	2,1	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	48878	105	
	2,5	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	49109	105	
	2,8	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48665	107	
	3,2	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48628	107	
	3,7	**M8 (5m)**	4,0	35	1036	**41,50**	**VR473.1K-3E112M/4D**	48144	114	
	4,4	**M7 (4m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	50583	114	
	5,4	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50127	124	
	4,0	**M8 (5m)**	4,0	39	941	**37,64**	**VR573.1K-3E112M/4D**	79552	184	371
	4,5	**M8 (5m)**	4,0	43	837	**33,46**	**VR573.1K-3E112M/4D**	80484	184	
	5,4	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	194	

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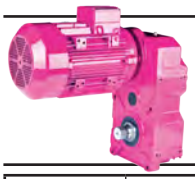

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø110	0,5	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-3E80M/4C**	22649	60	369
	0,6	**M8 (5m)**	0,55	14	360	**106,69**	**VR373.1K-3E80M/4C**	21885	60	
	0,7	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	0,8	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	61	
	0,9	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,1	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	1,2	**M8 (5m)**	1,1	28	357	**52,30**	**VR373.1K-3E90S/4C**	17448	64	
	1,5	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	1,8	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	1,9	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	2,3	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	70	
	2,7	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø120	0,6	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-3E80M/4C**	22649	60	369
	0,6	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	0,7	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	0,9	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,0	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,2	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	1,3	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	1,6	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	1,9	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	2,1	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	2,5	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	70	
	2,9	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø130	0,6	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	0,7	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	0,8	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	0,9	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,1	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,3	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	1,4	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	1,8	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	2,1	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	2,3	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	2,7	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	3,1	**M7 (4m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	16552	73	
Ø140	0,7	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	0,7	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	0,8	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,0	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,2	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,4	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	1,5	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	1,9	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	2,2	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	2,5	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14100	70	
	2,9	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	73	
	3,4	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	77	
Ø150	0,7	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	0,8	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	0,9	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,1	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,3	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	1,5	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	1,6	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	2,1	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	2,4	**M7 (4m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	18757	70	
	2,7	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	3,1	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	73	

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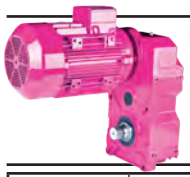

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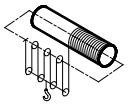

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø150	3,6	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	77	369
Ø160	0,7	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	0,9	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,0	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,1	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,4	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	1,6	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	1,7	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	16268	70	
	2,2	**M7 (4m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	19459	70	
	2,6	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	2,8	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	3,3	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	73	
	3,9	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	77	
Ø170	0,8	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	0,9	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,0	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,2	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,4	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	1,7	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	1,8	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	2,3	**M7 (4m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	19459	70	
	2,7	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	3,0	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	3,5	**M7 (4m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	16599	77	
	4,1	**M6 (3m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	20128	77	
Ø180	0,8	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	369
	1,0	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,1	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,3	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	66	
	1,5	**M7 (4m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	22632	66	
	1,8	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	2,0	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	2,5	**M7 (4m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	19459	70	
	2,9	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	3,2	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	3,7	**M6 (3m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	20857	77	
	4,3	**M6 (3m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	20128	77	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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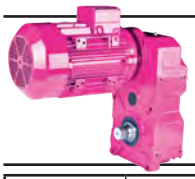

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**IE3 Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**IE3 Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**IE3 Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**IE3 Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø320	6,9	**M6 (3m)**	7,5	6,9	9705	**213,15**	**VR673.1K-3E132M/4D**	126919	302	372
	7,8	**M6 (3m)**	11	7,8	12642	**189,61**	**VR673.1K-3E160M/4C**	121867	359	
	9,1	**M6 (3m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	122536	359	
	11,0	**M5 (2m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4D**	134529	379	
	12,3	**M5 (2m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	134063	379	
	14,5	**M5 (2m)**	18,5	14	11467	**102,10**	**VR673.1K-3E180M/4C**	130890	379	
	16,9	**M5 (2m)**	18,5	17	9880	**87,77**	**VR673.1K-3E180M/4C**	131235	408	
	19,4	**M4 (1Am)**	22	19	10250	**76,17**	**VR673.1K-3E180L/4D**	139462	418	
	22,3	**M4 (1Am)**	30	22	12199	**66,59**	**VR673.1K-3E200L/4D**	134953	464	
	25,3	**M4 (1Am)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	135366	464	
	6,3	**M8 (5m)**	7,5	6,3	10681	**233,77**	**VR773.1K-3E132M/4D**	111776	423	373
	7,4	**M8 (5m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	117877	480	
	8,9	**M8 (5m)**	11	8,8	11157	**166,50**	**VR773.1K-3E160M/4C**	125610	480	
	9,9	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	11,5	**M8 (5m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	133702	500	
	13,2	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	15,2	**M8 (5m)**	18,5	15	11011	**97,55**	**VR773.1K-3E180M/4C**	139390	529	
	17,2	**M8 (5m)**	18,5	17	9723	**85,99**	**VR773.1K-3E180M/4C**	142757	529	
	19,4	**M7 (4m)**	22	19	10308	**76,29**	**VR773.1K-3E180L/4D**	153572	539	
	21,8	**M7 (4m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	22,6	**M7 (4m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	26,1	**M7 (4m)**	30	26	10457	**56,82**	**VR773.1K-3E200L/4D**	151779	585	
	30,0	**M7 (4m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	149105	621	
	20,2	**M8 (5m)**	22	20	9921	**73,09**	**VR873.1K-3E180L/4D**	147005	890	374
	21,5	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	24,6	**M8 (5m)**	30	24	11139	**60,33**	**VR873.1K-3E200L/4D**	150242	965	
	27,9	**M8 (5m)**	30	28	9807	**53,03**	**VR873.1K-3E200L/4D**	149644	965	
	31,7	**M8 (5m)**	37	32	10672	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø340	7,3	**M5 (2m)**	11	6,9	14234	**213,15**	**VR673.1K-3E160M/4C**	153288	359	372
	8,3	**M5 (2m)**	11	7,8	12642	**189,61**	**VR673.1K-3E160M/4C**	145907	359	
	9,7	**M5 (2m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	141525	359	
	11,7	**M5 (2m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4D**	134529	379	
	13,1	**M4 (1Am)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	148787	379	
	15,4	**M4 (1Am)**	18,5	14	11467	**102,10**	**VR673.1K-3E180M/4C**	143555	408	
	17,9	**M4 (1Am)**	22	17	11749	**87,77**	**VR673.1K-3E180L/4D**	139901	408	
	20,6	**M4 (1Am)**	22	19	10250	**76,17**	**VR673.1K-3E180L/4D**	139462	418	
	23,6	**M4 (1Am)**	30	22	12199	**66,59**	**VR673.1K-3E200L/4D**	134953	464	
	6,7	**M8 (5m)**	7,5	6,3	10681	**233,77**	**VR773.1K-3E132M/4D**	111776	423	373
	7,8	**M8 (5m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	117877	480	
	9,4	**M8 (5m)**	11	8,8	11157	**166,50**	**VR773.1K-3E160M/4C**	125610	480	
	10,5	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	12,2	**M8 (5m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	133702	500	
	14,1	**M7 (4m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	150802	500	
	16,1	**M7 (4m)**	18,5	15	11011	**97,55**	**VR773.1K-3E180M/4C**	150917	529	
	18,3	**M7 (4m)**	22	17	11562	**85,99**	**VR773.1K-3E180L/4D**	151283	539	
	20,6	**M7 (4m)**	22	19	10308	**76,29**	**VR773.1K-3E180L/4D**	153572	539	
	23,2	**M7 (4m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	24,0	**M7 (4m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	27,7	**M7 (4m)**	30	26	10457	**56,82**	**VR773.1K-3E200L/4D**	151779	585	
	31,8	**M6 (3m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	158211	621	
	15,3	**M8 (5m)**	18,5	14	11645	**102,78**	**VR873.1K-3E180M/4C**	136405	875	374
	17,3	**M8 (5m)**	22	16	12301	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	19,3	**M8 (5m)**	22	18	11036	**81,40**	**VR873.1K-3E180L/4D**	143570	890	
	21,5	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	22,8	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	26,1	**M8 (5m)**	30	24	11139	**60,33**	**VR873.1K-3E200L/4D**	150242	965	
	29,7	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	

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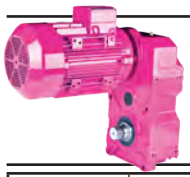
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø340	33,7	**M8 (5m)**	37	32	10672	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	374
Ø360	7,1	**M8 (5m)**	7,5	6,3	10681	**233,77**	**VR773.1K-3E132M/4D**	111776	423	373
	8,3	**M8 (5m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	117877	480	
	10,0	**M7 (4m)**	11	8,8	11157	**166,50**	**VR773.1K-3E160M/4C**	144492	480	
	11,2	**M7 (4m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	144686	500	
	12,9	**M7 (4m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	148048	500	
	14,9	**M7 (4m)**	18,5	13	12609	**111,53**	**VR773.1K-3E180M/4C**	148230	529	
	17,1	**M7 (4m)**	18,5	15	11011	**97,55**	**VR773.1K-3E180M/4C**	150917	529	
	19,4	**M7 (4m)**	22	17	11562	**85,99**	**VR773.1K-3E180L/4D**	151283	539	
	21,8	**M6 (3m)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	159677	585	
	24,5	**M6 (3m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	161310	585	
	25,4	**M6 (3m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	161288	585	
	29,3	**M6 (3m)**	37	26	12897	**56,82**	**VR773.1K-3E225S/4C**	158357	585	
	33,7	**M6 (3m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	158211	621	
	9,8	**M8 (5m)**	11	8,6	11464	**170,32**	**VR873.1K-3E160M/4C**	105849	800	374
	10,9	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	12,4	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4D**	125889	825	
	14,2	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	16,2	**M8 (5m)**	18,5	14	11645	**102,78**	**VR873.1K-3E180M/4C**	136405	875	
	18,3	**M8 (5m)**	22	16	12301	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	20,4	**M8 (5m)**	22	18	11036	**81,40**	**VR873.1K-3E180L/4D**	143570	890	
	22,7	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	24,2	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	27,6	**M8 (5m)**	30	24	11139	**60,33**	**VR873.1K-3E200L/4D**	150242	965	
	31,4	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	35,7	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225M/4D**	145524	1065	
Ø380	7,5	**M7 (4m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	134569	480	373
	8,8	**M7 (4m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	140563	480	
	10,5	**M7 (4m)**	11	8,8	11157	**166,50**	**VR773.1K-3E160M/4C**	144492	480	
	11,8	**M7 (4m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	144686	500	
	13,6	**M7 (4m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	148048	500	
	15,7	**M6 (3m)**	18,5	13	12609	**111,53**	**VR773.1K-3E180M/4C**	161940	529	
	18,0	**M6 (3m)**	22	15	13094	**97,55**	**VR773.1K-3E180L/4D**	160930	529	
	20,5	**M6 (3m)**	22	17	11562	**85,99**	**VR773.1K-3E180L/4D**	162381	539	
	23,0	**M6 (3m)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	159677	585	
	25,9	**M6 (3m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	161310	585	
	26,8	**M6 (3m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	161288	585	
	31,0	**M6 (3m)**	37	26	12897	**56,82**	**VR773.1K-3E225S/4C**	158357	621	
	35,6	**M5 (2m)**	45	30	13673	**49,45**	**VR773.1K-3E225M/4D**	165440	621	
	10.3	**M8 (5m)**	15	8.6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	11.5	**M8 (5m)**	15	9.6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	13.1	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4D**	125889	825	
	15.0	**M8 (5m)**	18.5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	17.1	**M8 (5m)**	18.5	14	11645	**102,78**	**VR873.1K-3E180M/4C**	136405	875	
	19.3	**M8 (5m)**	22	16	12301	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	21.5	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	24.0	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	25.5	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	29.2	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	33.2	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	37.7	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225M/4D**	145524	1065	
Ø400	7,9	**M7 (4m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	134569	480	373
	9,2	**M7 (4m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	140563	480	
	11,1	**M6 (3m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	161330	500	
	12,4	**M6 (3m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	162688	500	
	14,3	**M6 (3m)**	18,5	11	14532	**128,81**	**VR773.1K-3E180M/4C**	160648	500	
	16,6	**M6 (3m)**	18,5	13	12609	**111,53**	**VR773.1K-3E180M/4C**	161940	529	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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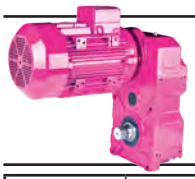

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø400	19,0	**M6 (3m)**	22	15	13094	**97,55**	**VR773.1K-3E180L/4D**	160930	539	373
	21,5	**M6 (3m)**	30	17	15767	**85,99**	**VR773.1K-3E200L/4D**	157848	539	
	24,2	**M5 (2m)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	170707	585	
	27,2	**M5 (2m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	171417	585	
	28,2	**M5 (2m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	171366	585	
	32,6	**M5 (2m)**	37	26	12897	**56,82**	**VR773.1K-3E225S/4C**	168318	621	
	37,5	**M5 (2m)**	45	30	13673	**49,45**	**VR773.1K-3E225M/4D**	165440	645	
	10,8	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	12,1	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	13,8	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4D**	125889	825	
	15,8	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	18,0	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	20,3	**M8 (5m)**	22	16	12301	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	22,7	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	25,3	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	26,8	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	30,7	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	34,9	**M8 (5m)**	45	28	14711	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	39,6	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225M/4D**	145524	1065	
Ø420	8,3	**M7 (4m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	134569	480	373
	9,7	**M6 (3m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	166812	480	
	11,6	**M6 (3m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	161330	500	
	13,0	**M6 (3m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	162688	500	
	15,1	**M6 (3m)**	18,5	11	14532	**128,81**	**VR773.1K-3E180M/4C**	160648	529	
	17,4	**M5 (2m)**	18,5	13	12609	**111,53**	**VR773.1K-3E180M/4C**	177171	529	
	19,9	**M5 (2m)**	22	15	13094	**97,55**	**VR773.1K-3E180L/4D**	174430	539	
	22,6	**M5 (2m)**	30	17	15767	**85,99**	**VR773.1K-3E200L/4D**	169983	585	
	25,4	**M5 (2m)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	170707	585	
	28,6	**M5 (2m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	171417	585	
	29,7	**M5 (2m)**	37	22	14862	**65,59**	**VR773.1K-3E225S/4C**	168334	621	
	34,2	**M5 (2m)**	37	26	12897	**56,82**	**VR773.1K-3E225S/4C**	168318	621	
	39,3	**M4 (1Am)**	45	30	13673	**49,45**	**VR773.1K-3E225M/4D**	175859	645	
	11,4	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	12,7	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	14,4	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	16,6	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	18,9	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	21,3	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	23,8	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	26,5	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	28,2	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	32,2	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	36,7	**M8 (5m)**	45	28	14711	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	41,6	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225M/4D**	145524	1065	
Ø440	8,7	**M6 (3m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	168737	480	373
	10,1	**M6 (3m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	166812	480	
	12,2	**M6 (3m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	161330	500	
	13,6	**M5 (2m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	183216	500	
	15,8	**M5 (2m)**	18,5	11	14532	**128,81**	**VR773.1K-3E180M/4C**	178134	529	
	18,2	**M5 (2m)**	22	13	14995	**111,53**	**VR773.1K-3E180L/4D**	174599	539	
	20,9	**M5 (2m)**	22	15	13094	**97,55**	**VR773.1K-3E180L/4D**	174430	539	
	23,7	**M5 (2m)**	30	17	15767	**85,99**	**VR773.1K-3E200L/4D**	169983	585	
	26,6	**M5 (2m)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	170707	585	
	11,9	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	13,3	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	15,1	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	17,4	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	

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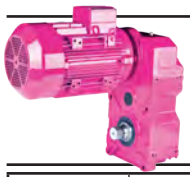
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø440	19,8	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	374
	22,4	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	25,0	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	27,8	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	29,5	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	33,8	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	38,4	**M8 (5m)**	45	28	14711	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	43,6	**M7 (4m)**	55	32	15863	**46,82**	**VR873.1K-3E250M/4D**	152135	1180	
Ø450	8,9	**M6 (3m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	168737	480	373
	10,4	**M6 (3m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	166812	480	
	12,5	**M5 (2m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	186013	500	
	13,9	**M5 (2m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	183216	500	
	16,1	**M5 (2m)**	18,5	11	14532	**128,81**	**VR773.1K-3E180M/4C**	178134	529	
	18,6	**M5 (2m)**	22	13	14995	**111,53**	**VR773.1K-3E180L/4D**	174599	539	
	21,4	**M5 (2m)**	22	15	13094	**97,55**	**VR773.1K-3E180L/4D**	174430	539	
	24,2	**M5 (2m)**	30	17	15767	**85,99**	**VR773.1K-3E200L/4D**	169983	585	
	27,2	**M4 (1Am)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	182433	585	
	12,2	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	13,6	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	15,5	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	17,8	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	20,3	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	22,9	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	25,5	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	28,4	**M8 (5m)**	37	20	16686	**73,09**	**VR873.1K-3E225S/4C**	141633	1025	
	30,2	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	34,5	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	39,3	**M8 (5m)**	45	28	14711	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	44,6	**M7 (4m)**	55	32	15863	**46,82**	**VR873.1K-3E250M/4D**	152135	1180	

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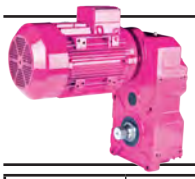

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø270	4,3	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371
	4,9	**M5 (2m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	95485	194	
	5,8	**M5 (2m)**	7,5	14	4915	**107,18**	**VR573.1K-3E132M/4D**	91993	204	
	7,1	**M5 (2m)**	11	17	5900	**87,90**	**VR573.1K-3E160M/4C**	88253	204	
	8,0	**M5 (2m)**	11	19	5219	**77,63**	**VR573.1K-3E160M/4C**	88659	261	
	9,0	**M4 (1Am)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	96563	261	
	10,7	**M4 (1Am)**	15	25	5371	**58,36**	**VR573.1K-3E160L/4D**	93738	281	
	12,0	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	14,7	**M4 (1Am)**	18,5	35	4835	**42,62**	**VR573.1K-3E180M/4C**	92299	311	
	16,6	**M4 (1Am)**	18,5	39	4277	**37,64**	**VR573.1K-3E180M/4C**	92581	311	
	2,9	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	3,3	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	3,8	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	4,6	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	5,2	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	6,1	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	7,1	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	302	
	8,2	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	9,4	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	10,6	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø280	4,5	**M5 (2m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	97083	194	371
	5,1	**M5 (2m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	95485	194	
	6,0	**M5 (2m)**	7,5	14	4915	**107,18**	**VR573.1K-3E132M/4D**	91993	204	
	7,4	**M5 (2m)**	11	17	5900	**87,90**	**VR573.1K-3E160M/4C**	88253	261	
	8,3	**M5 (2m)**	11	19	5219	**77,63**	**VR573.1K-3E160M/4C**	88659	261	
	9,4	**M4 (1Am)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	96563	261	
	11,1	**M4 (1Am)**	15	25	5371	**58,36**	**VR573.1K-3E160L/4D**	93738	281	
	12,4	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	15,2	**M4 (1Am)**	18,5	35	4835	**42,62**	**VR573.1K-3E180M/4C**	92299	311	
	3,0	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	3,4	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	4,0	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	4,8	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	5,4	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	6,3	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	7,4	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	8,5	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	9,7	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	11,0	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø290	3,1	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	3,5	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	4,1	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	4,9	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	5,5	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	6,5	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	7,6	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	8,8	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	10,1	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	11,4	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø300	3,2	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	3,6	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	4,3	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	5,1	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	5,7	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	6,8	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	

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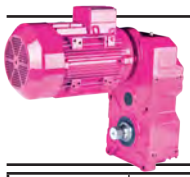

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø300	7,9	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	372
	9,1	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	10,4	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	110450	359	
	11,8	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø320	3,4	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	3,9	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	4,5	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	5,5	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	6,1	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	7,2	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	8,4	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	9,7	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	11,1	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	110450	379	
	12,6	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø340	3,7	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	4,1	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	4,8	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	5,8	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	6,5	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	7,7	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	8,9	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	10,3	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	11,8	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	110450	379	
	13,4	**M7 (4m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	119396	379	
	13,8	**M8 (5m)**	15	26	5246	**56,82**	**VR773.1K-3E160L/4D**	148625	500	373
	15,9	**M8 (5m)**	18,5	30	5621	**49,45**	**VR773.1K-3E180M/4C**	146450	529	
Ø360	3,9	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	4,4	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	5,1	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	6,1	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	6,9	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	8,1	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	9,5	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	10,9	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	12,5	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	14,2	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	117744	379	
	10,9	**M8 (5m)**	15	18	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	373
	12,2	**M8 (5m)**	15	21	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	
	12,7	**M8 (5m)**	15	20	6046	**65,59**	**VR773.1K-3E160L/4D**	149571	500	
	14,6	**M8 (5m)**	18,5	25	6470	**56,82**	**VR773.1K-3E180M/4C**	147306	529	
	16,9	**M8 (5m)**	18,5	28	5621	**49,45**	**VR773.1K-3E180M/4C**	146450	529	
Ø380	4,1	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	4,6	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	5,4	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	6,5	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	7,3	**M8 (5m)**	11	12	8089	**119,86**	**VR673.1K-3E160M/4C**	101627	359	
	8,6	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	10,0	**M7 (4m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	116815	359	
	11,5	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	13,2	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	15,0	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	117744	408	

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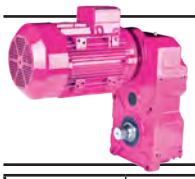

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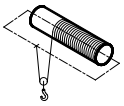

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø380	9,0	**M8 (5m)**	11	15	6569	**97,55**	**VR773.1K-3E160M/4C**	144234	480	373
	10,2	**M8 (5m)**	11	17	5801	**85,99**	**VR773.1K-3E160M/4C**	147036	480	
	11,5	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	12,9	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	
	13,4	**M8 (5m)**	15	22	6046	**65,59**	**VR773.1K-3E160L/4D**	149571	500	
	15,4	**M8 (5m)**	18,5	26	6470	**56,82**	**VR773.1K-3E180M/4C**	147306	529	
	17,8	**M8 (5m)**	22	30	6684	**49,45**	**VR773.1K-3E180L/4D**	145304	529	

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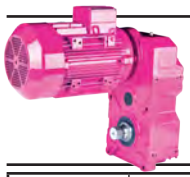

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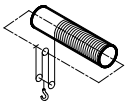

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	1,4	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	370
	1,6	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,9	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	2,0	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	2,4	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	2,7	**M6 (3m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	52109	107	
	3,2	**M6 (3m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	51364	114	
	3,6	**M6 (3m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	51795	114	
	4,1	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	4,7	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	5,7	**M5 (2m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	52780	134	
	6,9	**M5 (2m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	53215	134	
	1,2	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	1,3	**M8 (5m)**	1,5	10	1322	**143,35**	**VR573.1K-3E90L/4D**	63206	170	
	1,5	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,8	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	2,2	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	2,5	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	2,8	**M8 (5m)**	4,0	21	1701	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	3,3	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76226	184	
	3,7	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	184	
	4,6	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	5,2	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	5,8	**M8 (5m)**	7,5	44	1554	**33,46**	**VR573.1K-3E132M/4D**	79263	204	
	6,9	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø180	1,5	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	370
	1,7	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	2,0	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	2,1	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	
	2,5	**M6 (3m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	51728	107	
	2,9	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	3,3	**M6 (3m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	51364	114	
	3,8	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	50368	124	
	4,4	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	5,0	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	6,0	**M5 (2m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	52780	134	
	7,3	**M5 (2m)**	11	51	1942	**28,45**	**VR473.1K-3E160M/4C**	51463	191	
	1,3	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	1,4	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,6	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,9	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	2,3	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	2,6	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	3,0	**M8 (5m)**	4,0	21	1701	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	3,5	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76226	184	
	4,0	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	4,8	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	5,5	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	6,2	**M8 (5m)**	7,5	44	1554	**33,46**	**VR573.1K-3E132M/4D**	79263	204	
	7,3	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	
Ø190	1,6	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	370
	1,8	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	2,1	**M6 (3m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	50219	107	
	2,3	**M6 (3m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	50784	107	
	2,7	**M6 (3m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	51728	107	
	3,1	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	3,5	**M6 (3m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	51364	114	
	4,0	**M5 (2m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	52940	124	
	4,6	**M5 (2m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	53333	124	

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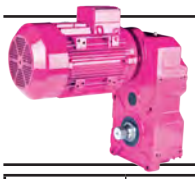

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø190	5,2	**M5 (2m)**	7,5	35	1929	**41,50**	**VR473.1K-3E132M/4D**	52214	134	370
	6,4	**M5 (2m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	52780	134	
	7,7	**M4 (1Am)**	11	51	1942	**28,45**	**VR473.1K-3E160M/4C**	53543	191	
	1,3	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	1,5	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,7	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	2,0	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	2,5	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	2,8	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	177	
	3,2	**M8 (5m)**	4,0	21	1701	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	3,7	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	184	
	4,2	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	5,1	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	5,8	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	6,5	**M8 (5m)**	7,5	44	1554	**33,46**	**VR573.1K-3E132M/4D**	79263	204	
	7,7	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	
Ø200	1,6	**M4 (1Am)**	2,2	51	1862	**28,45**	**VR473.1K-3E100L/4C**	62680	105	370
	1,4	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	371
	1,6	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,8	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	2,1	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	2,6	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	2,9	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	3,3	**M8 (5m)**	4,0	21	1701	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	3,9	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	4,4	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	5,4	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	6,1	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	6,9	**M8 (5m)**	7,5	44	1554	**33,46**	**VR573.1K-3E132M/4D**	79263	204	
	8,1	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	
Ø210	1,5	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	371
	1,7	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,9	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	2,2	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	2,7	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	3,1	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	3,5	**M8 (5m)**	4,0	21	1701	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	4,1	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	4,6	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	5,6	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	6,4	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	7,2	**M8 (5m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	8,5	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	
Ø220	1,5	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	371
	1,7	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	2,0	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	2,3	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	2,8	**M8 (5m)**	4,0	16	2175	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	3,2	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	3,7	**M8 (5m)**	4,0	21	1701	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	4,3	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	4,9	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	5,9	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	6,7	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	7,6	**M8 (5m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	8,9	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	

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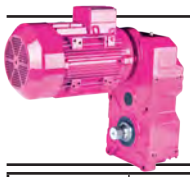

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø230	1,6	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	371
	1,8	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	2,1	**M8 (5m)**	3,0	11	2344	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	2,4	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	3,0	**M8 (5m)**	4,0	16	2175	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	3,4	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	3,8	**M8 (5m)**	5,5	21	2339	**69,00**	**VR573.1K-3E132S/4C**	73797	194	
	4,5	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	5,1	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	6,2	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	7,0	**M8 (5m)**	11	39	2561	**37,64**	**VR573.1K-3E160M/4C**	76862	204	
	7,9	**M8 (5m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	9,3	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	
Ø240	1,7	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	371
	1,9	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	2,2	**M8 (5m)**	3,0	11	2344	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	2,5	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	3,1	**M8 (5m)**	4,0	16	2175	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	3,5	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	4,0	**M8 (5m)**	5,5	21	2339	**69,00**	**VR573.1K-3E132S/4C**	73797	194	
	4,7	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	5,3	**M8 (5m)**	7,5	28	2411	**51,97**	**VR573.1K-3E132M/4D**	75826	204	
	6,5	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	7,3	**M8 (5m)**	11	39	2561	**37,64**	**VR573.1K-3E160M/4C**	76862	261	
	8,3	**M8 (5m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	9,8	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	

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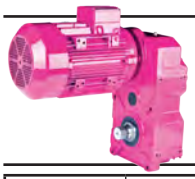

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	0,9	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	370
	1,1	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	1,3	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	1,3	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	
	1,6	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	1,8	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	2,1	**M8 (5m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	107	
	2,4	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	2,7	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	3,1	**M7 (4m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	50379	114	
	3,8	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	4,6	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	124	
	3,0	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	184	371
	3,5	**M8 (5m)**	4,0	39	934	**37,64**	**VR573.1K-3E112M/4D**	79521	184	
	3,9	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	4,6	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	194	
Ø180	1,0	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	1,1	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	1,3	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	101	
	1,4	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	1,7	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	1,9	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	2,2	**M8 (5m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	107	
	2,5	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	2,9	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	3,3	**M7 (4m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	50379	114	
	4,0	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	4,8	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	124	
	3,2	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	184	371
	3,7	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	184	
	4,1	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	4,9	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	194	
Ø190	1,0	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	1,2	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	1,4	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	1,5	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	1,8	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	2,0	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	46685	107	
	2,3	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	2,7	**M7 (4m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	50346	107	
	3,0	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	3,5	**M7 (4m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	50379	114	
	4,2	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	5,1	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	124	
	2,5	**M8 (5m)**	3,0	25	1089	**58,36**	**VR573.1K-3E100L/4D**	76851	177	371
	2,8	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	3,4	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	184	
	3,9	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	4,3	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	5,1	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	
Ø200	1,1	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	1,2	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	1,5	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	1,6	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	1,9	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	

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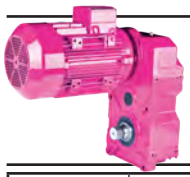

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø200	2,1	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	370
	2,5	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	2,8	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	3,2	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	3,7	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	49286	114	
	4,5	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	124	
	5,4	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	2,2	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	371
	2,6	**M8 (5m)**	3,0	25	1089	**58,36**	**VR573.1K-3E100L/4D**	76851	177	
	2,9	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	3,6	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	184	
	4,1	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	4,6	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	5,4	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	
Ø210	1,2	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	1,3	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	1,6	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	1,7	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	2,0	**M7 (4m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	49870	105	
	2,3	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	2,6	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	2,9	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	3,4	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	3,9	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	49286	124	
	4,7	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	124	
	5,6	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	1,8	**M8 (5m)**	2,2	16	1196	**87,90**	**VR573.1K-3E100L/4C**	72098	174	371
	2,1	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	2,3	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	2,7	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	177	
	3,1	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	3,8	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	4,3	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	4,8	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	5,7	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	
Ø220	1,2	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	1,4	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	105	
	1,6	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	1,7	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	2,1	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	2,4	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	2,7	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	3,1	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	3,5	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	4,1	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	4,9	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	124	
	5,9	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	1,6	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	67706	174	371
	1,9	**M8 (5m)**	2,2	16	1196	**87,90**	**VR573.1K-3E100L/4C**	70215	174	
	2,2	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	71396	177	
	2,4	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	73543	177	
	2,9	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	73976	184	
	3,2	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	75648	184	
	3,9	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	75555	194	
	4,5	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	76931	194	
	5,0	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	76818	194	
	5,9	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	77985	204	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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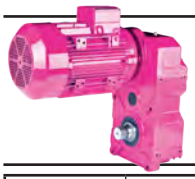

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø230	1,3	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	1,4	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	105	
	1,7	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	1,8	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	2,2	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	2,5	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	2,8	**M7 (4m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	48788	114	
	3,2	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	3,7	**M6 (3m)**	5,5	31	1622	**47,37**	**VR473.1K-3E132S/4C**	50918	124	
	4,2	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	5,1	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50648	134	
	6,2	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	1,6	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	371
	2,0	**M8 (5m)**	2,2	16	1196	**87,90**	**VR573.1K-3E100L/4C**	72098	174	
	2,2	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	2,5	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	3,0	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	3,4	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	4,1	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	4,7	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	5,3	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	6,2	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	
Ø240	1,3	**M7 (4m)**	1,5	10	6047	**138,35**	**VR473.1K-3E90L/4D**	46308	101	370
	1,5	**M7 (4m)**	2,2	12	6523	**121,49**	**VR473.1K-3E100L/4C**	42455	105	
	1,8	**M7 (4m)**	2,2	14	4911	**101,48**	**VR473.1K-3E100L/4C**	45273	105	
	1,9	**M7 (4m)**	2,2	15	3575	**95,87**	**VR473.1K-3E100L/4C**	47509	105	
	2,2	**M7 (4m)**	3,0	18	2442	**81,00**	**VR473.1K-3E100L/4D**	48201	107	
	2,6	**M7 (4m)**	3,0	21	1795	**70,59**	**VR473.1K-3E100L/4D**	49237	107	
	2,9	**M6 (3m)**	4,0	23	1945	**61,85**	**VR473.1K-3E112M/4D**	51126	114	
	3,4	**M6 (3m)**	4,0	27	1638	**54,35**	**VR473.1K-3E112M/4D**	51683	114	
	3,8	**M6 (3m)**	5,5	31	1655	**47,37**	**VR473.1K-3E132S/4C**	50893	124	
	4,4	**M6 (3m)**	5,5	35	1345	**41,50**	**VR473.1K-3E132S/4C**	51446	124	
	5,3	**M6 (3m)**	7,5	43	1511	**34,28**	**VR473.1K-3E132M/4D**	50725	134	
	6,4	**M5 (2m)**	7,5	51	1239	**28,45**	**VR473.1K-3E132M/4D**	53260	134	
	1,1	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	1,3	**M8 (5m)**	1,5	10,1	1322	**143,35**	**VR573.1K-3E90L/4D**	63206	170	
	1,4	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,7	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	2,1	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	2,3	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	2,6	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	3,1	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	3,5	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	4,3	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	4,9	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	5,5	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	6,5	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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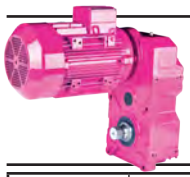
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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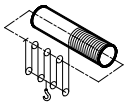

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø130	0,6	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	0,7	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	0,8	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	0,9	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,1	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	1,3	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	1,4	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	16268	70	
	1,8	**M7 (4m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	19459	70	
	2,1	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	2,3	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	2,7	**M7 (4m)**	4,0	53	682	**27,53**	**VR373.1K-3E112M/4D**	16576	73	
	3,2	**M6 (3m)**	4,0	62	586	**23,58**	**VR373.1K-3E112M/4D**	20096	77	
	1,6	**M8 (5m)**	2,2	31	649	**47,37**	**VR473.1K-3E100L/4C**	49234	105	370
	1,8	**M8 (5m)**	2,2	35	570	**41,50**	**VR473.1K-3E100L/4C**	49635	105	
	2,2	**M8 (5m)**	3,0	42	643	**34,28**	**VR473.1K-3E100L/4D**	49419	107	
	2,6	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	
Ø140	0,7	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	369
	0,7	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	0,8	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,0	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	66	
	1,2	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	1,4	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	1,5	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	1,9	**M7 (4m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	19459	70	
	2,2	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	2,5	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	2,9	**M6 (3m)**	4,0	53	682	**27,53**	**VR373.1K-3E112M/4D**	20825	77	
	3,4	**M6 (3m)**	4,0	62	586	**23,58**	**VR373.1K-3E112M/4D**	20096	77	
	1,3	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	370
	1,5	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	
	1,7	**M8 (5m)**	2,2	31	649	**47,37**	**VR473.1K-3E100L/4C**	49234	105	
	1,9	**M8 (5m)**	2,2	35	570	**41,50**	**VR473.1K-3E100L/4C**	49635	105	
	2,3	**M8 (5m)**	3,0	42	643	**34,28**	**VR473.1K-3E100L/4D**	49419	107	
	2,8	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	
Ø150	0,7	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	369
	0,8	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	0,9	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,1	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	66	
	1,3	**M7 (4m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	22632	66	
	1,5	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	1,6	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	2,1	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	18777	73	
	2,4	**M6 (3m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	22766	73	
	2,7	**M6 (3m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	22235	73	
	3,1	**M6 (3m)**	4,0	53	682	**27,53**	**VR373.1K-3E112M/4D**	20825	77	
	3,6	**M6 (3m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	19369	87	
	1,2	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	370
	1,4	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	1,6	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	
	1,8	**M8 (5m)**	2,2	31	649	**47,37**	**VR473.1K-3E100L/4C**	49234	105	
	2,1	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	107	
	2,5	**M8 (5m)**	3,0	42	643	**34,28**	**VR473.1K-3E100L/4D**	49419	107	
	3,0	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	
Ø160	0,7	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	369
	0,9	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	

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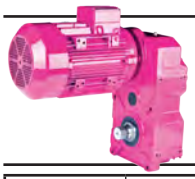
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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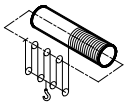

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø160	1,0	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	369
	1,1	**M7 (4m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	23507	66	
	1,4	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	21667	70	
	1,6	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	1,7	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	2,2	**M6 (3m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	23590	73	
	2,6	**M6 (3m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	22766	73	
	2,8	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	77	
	3,3	**M6 (3m)**	4,0	53	682	**27,53**	**VR373.1K-3E112M/4D**	20825	77	
	3,9	**M6 (3m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	19369	87	
	1,1	**M8 (5m)**	2,2	18	1100	**95,87**	**VR473.1K-3E100L/4C**	47006	105	370
	1,3	**M8 (5m)**	2,2	21	961	**81,00**	**VR473.1K-3E100L/4C**	47676	105	
	1,5	**M8 (5m)**	2,2	23	844	**70,59**	**VR473.1K-3E100L/4C**	48265	105	
	1,7	**M8 (5m)**	2,2	27	743	**61,85**	**VR473.1K-3E100L/4C**	48786	105	
	1,9	**M8 (5m)**	2,2	31	649	**54,35**	**VR473.1K-3E100L/4C**	49234	105	
	2,2	**M8 (5m)**	3,0	35	777	**47,37**	**VR473.1K-3E100L/4D**	49048	107	
	2,7	**M8 (5m)**	3,0	42	643	**41,50**	**VR473.1K-3E100L/4D**	49419	107	
	3,2	**M8 (5m)**	4,0	51	708	**34,28**	**VR473.1K-3E112M/4D**	49221	114	
Ø170	0,8	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	369
	0,9	**M7 (4m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	25966	64	
	1,0	**M7 (4m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	24440	66	
	1,2	**M7 (4m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	23507	66	
	1,4	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	21667	70	
	1,7	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	1,8	**M6 (3m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	25686	70	
	2,3	**M6 (3m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	23590	73	
	2,7	**M6 (3m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	22034	77	
	3,0	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	77	
	3,5	**M6 (3m)**	4,0	53	682	**27,53**	**VR373.1K-3E112M/4D**	20825	77	
	4,1	**M5 (2m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	24468	87	
	1,0	**M8 (5m)**	1,5	14	886	**101,48**	**VR473.1K-3E90L/4D**	46400	99	370
	1,2	**M8 (5m)**	2,2	15	1100	**95,87**	**VR473.1K-3E100L/4C**	47006	101	
	1,4	**M8 (5m)**	2,2	18	961	**81,00**	**VR473.1K-3E100L/4C**	47676	105	
	1,6	**M8 (5m)**	2,2	21	844	**70,59**	**VR473.1K-3E100L/4C**	48265	105	
	1,8	**M8 (5m)**	2,2	23	743	**61,85**	**VR473.1K-3E100L/4C**	48786	105	
	2,0	**M8 (5m)**	3,0	27	885	**54,35**	**VR473.1K-3E100L/4D**	48565	105	
	2,3	**M8 (5m)**	3,0	31	777	**47,37**	**VR473.1K-3E100L/4D**	49048	107	
	2,8	**M8 (5m)**	4,0	35	857	**41,50**	**VR473.1K-3E112M/4D**	48811	107	
	3,4	**M8 (5m)**	4,0	42	708	**34,28**	**VR473.1K-3E112M/4D**	49221	114	
	3,3	**M8 (5m)**	4,0	51	739	**28,45**	**VR473.1K-112M/4-L05**	49247	114	
Ø180	0,8	**M7 (4m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	26779	64	369
	1,0	**M7 (4m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	25966	64	
	1,1	**M7 (4m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	24440	66	
	1,3	**M7 (4m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	23507	66	
	1,5	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	21667	70	
	1,8	**M6 (3m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	26295	70	
	2,0	**M6 (3m)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	24827	73	
	2,5	**M6 (3m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	23590	73	
	2,9	**M6 (3m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	22034	77	
	3,2	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	77	
	0,7	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	370
	0,8	**M8 (5m)**	1,1	12	820	**121,49**	**VR473.1K-3E90S/4C**	45238	99	
	1,0	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	1,1	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	
	1,3	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	1,5	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	

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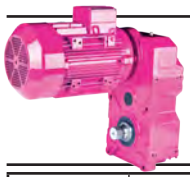
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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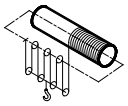

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø180	1,7	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	370
	1,9	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	
	2,2	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	2,5	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	107	
	3,0	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	114	
	3,6	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	
Ø190	0,9	**M6 (3m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	33431	64	369
	1,0	**M6 (3m)**	1,5	14	981	**106,69**	**VR373.1K-3E90L/4D**	31495	66	
	1,1	**M5 (2m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	38350	66	
	1,4	**M5 (2m)**	2,2	18	1075	**79,34**	**VR373.1K-3E100L/4C**	35580	70	
	1,6	**M5 (2m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	34244	70	
	1,9	**M5 (2m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	32982	70	
	2,1	**M5 (2m)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	31317	73	
	2,6	**M4 (1Am)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	37091	73	
	3,0	**M4 (1Am)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	34923	77	
	3,4	**M4 (1Am)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	34080	77	
	0,8	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	370
	0,9	**M8 (5m)**	1,1	12	820	**121,49**	**VR473.1K-3E90S/4C**	45238	99	
	1,1	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	1,1	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	
	1,3	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	1,5	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	1,7	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	2,0	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	2,3	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	2,6	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	107	
	3,2	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	114	
	3,8	**M8 (5m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	48468	124	
Ø200	0,9	**M5 (2m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	41793	64	369
	1,1	**M5 (2m)**	1,5	14	981	**106,69**	**VR373.1K-3E90L/4D**	39534	66	
	1,2	**M5 (2m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	38350	66	
	1,4	**M5 (2m)**	2,2	18	1075	**79,34**	**VR373.1K-3E100L/4C**	35580	70	
	1,7	**M4 (1Am)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	42870	70	
	2,0	**M4 (1Am)**	3,0	25	1073	**57,79**	**VR373.1K-3E100L/4D**	40270	73	
	2,2	**M4 (1Am)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	39309	73	
	2,7	**M4 (1Am)**	4,0	35	1031	**41,42**	**VR373.1K-3E112M/4D**	36239	77	
	3,2	**M4 (1Am)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	34923	77	
	0,8	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	55152	99	370
	0,9	**M8 (5m)**	1,1	12	820	**121,49**	**VR473.1K-3E90S/4C**	53814	99	
	1,1	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	52347	101	
	1,2	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	51433	101	
	1,4	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	49025	105	
	1,6	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	48878	105	
	1,8	**M8 (5m)**	2,2	23	844	**61,85**	**VR473.1K-3E100L/4C**	49109	105	
	2,1	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48665	107	
	2,4	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48628	107	
	2,7	**M8 (5m)**	4,0	35	1036	**41,50**	**VR473.1K-3E112M/4D**	48144	114	
	3,3	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48638	114	
	4,0	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50127	124	
	4,0	**M8 (5m)**	5,5	49	976	**28,30**	**VR573.1K-3E132S/4C**	80663	194	371

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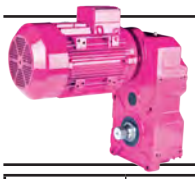

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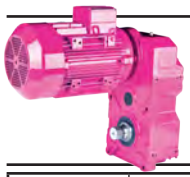
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv, Rad,Yük Çıkış** *Per, O,Loads (Output)* Zul,Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim, Page* Maße Seite
Ø340	9,2	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873,1K-3E160L/4D**	102531	825	374
	10,3	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873,1K-3E160L/4D**	116460	825	
	11,7	**M8 (5m)**	18,5	11	15152	**134,22**	**VR873,1K-3E180M/4C**	123557	875	
	13,5	**M8 (5m)**	18,5	13	13216	**116,84**	**VR873,1K-3E180M/4C**	130718	875	
	15,3	**M8 (5m)**	22	14	13895	**102,78**	**VR873,1K-3E180L/4D**	134685	890	
	17,3	**M8 (5m)**	30	16	16774	**91,16**	**VR873,1K-3E200L/4D**	135943	965	
	19,3	**M8 (5m)**	30	18	14998	**81,40**	**VR873,1K-3E200L/4D**	140368	965	
	21,5	**M8 (5m)**	30	20	13483	**73,09**	**VR873,1K-3E200L/4D**	144128	965	
	22,9	**M8 (5m)**	37	21	15658	**69,01**	**VR873,1K-3E225S/4C**	145207	1025	
	26,2	**M8 (5m)**	37	25	13710	**60,33**	**VR873,1K-3E225S/4C**	148175	1025	
	29,7	**M8 (5m)**	45	28	14691	**53,03**	**VR873,1K-3E225M/4D**	145751	1065	
	33,8	**M8 (5m)**	55	32	15821	**46,82**	**VR873,1K-3E250M/4D**	143228	1180	
Ø360	9,8	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	10,9	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	12,4	**M8 (5m)**	18,5	11	15152	**134,22**	**VR873.1K-3E180M/4C**	123557	875	
	14,3	**M8 (5m)**	22	13	15716	**116,84**	**VR873.1K-3E180L/4D**	128730	890	
	16,2	**M8 (5m)**	22	14	13895	**102,78**	**VR873.1K-3E180L/4D**	134685	890	
	18,3	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	20,5	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	22,8	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	24,2	**M8 (5m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	145207	1025	
	27,7	**M8 (5m)**	45	25	16675	**60,33**	**VR873.1K-3E225M/4D**	145819	1065	
	31,5	**M7 (4m)**	45	28	14691	**53,03**	**VR873.1K-3E225M/4D**	154747	1065	
	35,8	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152131	1180	
Ø380	10,3	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	11,5	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	13,1	**M8 (5m)**	18,5	11	15152	**134,22**	**VR873.1K-3E180M/4C**	123557	875	
	15,1	**M8 (5m)**	22	13	15716	**116,84**	**VR873.1K-3E180L/4D**	128730	890	
	17,1	**M8 (5m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	19,3	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	21,6	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	24,1	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	25,6	**M8 (5m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	145207	1025	
	29,2	**M7 (4m)**	45	25	16675	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	33,2	**M7 (4m)**	45	28	14691	**53,03**	**VR873.1K-3E225M/4D**	154747	1065	
	37,8	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152131	1180	
Ø400	10,8	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	12,1	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	13,8	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	15,9	**M8 (5m)**	22	13	15716	**116,84**	**VR873.1K-3E180L/4D**	128730	890	
	18,0	**M8 (5m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	20,3	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	22,8	**M8 (5m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	137584	1025	
	25,3	**M7 (4m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	152246	1025	
	26,9	**M7 (4m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	155035	1025	
	30,8	**M7 (4m)**	45	25	16675	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	35,0	**M7 (4m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	152152	1180	
	39,8	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152131	1180	
Ø420	11,4	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	374
	12,7	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	14,4	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	16,6	**M8 (5m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	124175	965	
	18,9	**M8 (5m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	21,3	**M7 (4m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	148742	965	
	23,8	**M7 (4m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	26,5	**M7 (4m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	152246	1025	
	28,2	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	32,2	**M7 (4m)**	45	25	16675	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	36,7	**M7 (4m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	152152	1180	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø420	41,7	**M7 (4m)**	75	32	21573	**46,82**	**VR873.1K-3G280S/4**	147553	1310	374
Ø440	11,9	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	19280	875	374
	13,3	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	20601	890	
	15,2	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	18019	890	
	17,4	**M8 (5m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	21431	965	
	19,8	**M7 (4m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	18947	965	
	22,4	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	20687	1025	
	25,0	**M7 (4m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	18498	1025	
	27,9	**M7 (4m)**	45	20	20225	**73,09**	**VR873.1K-3E225M/4D**	20225	1065	
	29,6	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	19043	1065	
	33,8	**M7 (4m)**	55	25	20380	**60,33**	**VR873.1K-3E250M/4D**	20380	1180	
	38,5	**M6 (3m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	17955	1180	
	43,7	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-3G280S/4**	21573	1310	
Ø460	12,5	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	374
	13,9	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	15,9	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	18,2	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	20,7	**M7 (4m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	144946	965	
	23,4	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	26,2	**M7 (4m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	29,2	**M7 (4m)**	45	20	20225	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	30,9	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	35,4	**M6 (3m)**	55	25	20380	**60,33**	**VR873.1K-3E250M/4D**	161460	1180	
	40,2	**M6 (3m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	161552	1180	
	45,7	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-3G280S/4**	156857	1310	
Ø480	13.0	**M8 (5m)**	18.5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	374
	14.5	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	16.6	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	19.0	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	21.6	**M7 (4m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	144946	965	
	24.4	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	27.3	**M7 (4m)**	45	18	22497	**81,40**	**VR873.1K-3E225M/4D**	146004	1065	
	30.4	**M7 (4m)**	45	20	20225	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	32.3	**M6 (3m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	162663	1065	
	36.9	**M6 (3m)**	55	25	20380	**60,33**	**VR873.1K-3E250M/4D**	161460	1180	
	42.0	**M6 (3m)**	75	28	24484	**53,03**	**VR873.1K-3G280S/4**	156353	1310	
	47.7	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-3G280S/4**	156857	1310	

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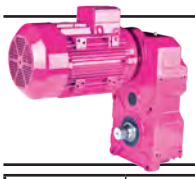
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø280	3,0	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	3,4	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	4,0	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	4,8	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100847	302	
	5,4	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	6,3	**M8 (5m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	105095	359	
	7,4	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	8,5	**M8 (5m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	108017	379	
	9,7	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	11,0	**M7 (4m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	119396	379	
	9,5	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	373
	9,9	**M8 (5m)**	15	22	6046	**65,59**	**VR773.1K-3E160L/4D**	149571	500	
	11,4	**M8 (5m)**	18,5	26	6448	**56,82**	**VR773.1K-3E180M/4C**	147287	500	
	13,1	**M8 (5m)**	18,5	30	5621	**49,45**	**VR773.1K-3E180M/4C**	146450	529	
Ø300	3,2	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	3,6	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	4,3	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	5,1	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100847	302	
	5,8	**M8 (5m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	101611	359	
	6,8	**M8 (5m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	105095	359	
	7,9	**M7 (4m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	116815	359	
	9,1	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	10,4	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	11,8	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	117744	408	
	7,1	**M8 (5m)**	11	15	6569	**97,55**	**VR773.1K-3E160M/4C**	144234	480	373
	8,1	**M8 (5m)**	11	17	5801	**85,99**	**VR773.1K-3E160M/4C**	147036	480	
	9,1	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	10,2	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	
	10,6	**M8 (5m)**	15	22	6046	**65,59**	**VR773.1K-3E160L/4D**	149571	500	
	12,2	**M8 (5m)**	18,5	26	6448	**56,82**	**VR773.1K-3E180M/4C**	147287	529	
	14,1	**M8 (5m)**	22	30	6684	**49,45**	**VR773.1K-3E180L/4D**	145304	529	
Ø320	3,4	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	3,9	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	4,5	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	5,5	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100847	302	
	6,1	**M7 (4m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	112605	359	
	7,2	**M7 (4m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	114875	359	
	8,4	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	113998	379	
	9,7	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	11,1	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	12,6	**M6 (3m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	124887	408	
	5,7	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	373
	6,6	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	7,6	**M8 (5m)**	11	15	6569	**97,55**	**VR773.1K-3E160M/4C**	144234	480	
	8,6	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	9,7	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	10,9	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	
	11,3	**M8 (5m)**	18,5	22	7456	**65,59**	**VR773.1K-3E180M/4C**	148050	500	
	13,0	**M8 (5m)**	18,5	26	6448	**56,82**	**VR773.1K-3E180M/4C**	147287	529	
	15,0	**M8 (5m)**	22	30	6684	**49,45**	**VR773.1K-3E180L/4D**	145304	539	
Ø340	3,7	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	4,1	**M8 (5m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	89848	302	
	4,8	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	5,8	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	6,5	**M7 (4m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	112605	359	

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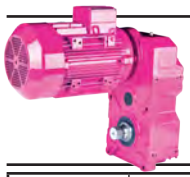
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø340	7,7	**M7 (4m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	114875	359	372
	8,9	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	113998	379	
	10,3	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	11,8	**M6 (3m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	123716	408	
	13,4	**M6 (3m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	124887	408	
	5,3	**M8 (5m)**	7,5	9,8	6839	**148,95**	**VR773.1K-3E132M/4D**	135735	423	373
	6,1	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	7,0	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	8,0	**M8 (5m)**	11	15	6569	**97,55**	**VR773.1K-3E160M/4C**	144234	480	
	9,1	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	10,3	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	11,5	**M8 (5m)**	18,5	22	7739	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	12,0	**M8 (5m)**	18,5	22	7456	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	13,9	**M8 (5m)**	22	26	7668	**56,82**	**VR773.1K-3E180L/4D**	145972	529	
	15,9	**M8 (5m)**	22	30	6684	**49,45**	**VR773.1K-3E180L/4D**	145304	539	
Ø360	3,9	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	4,4	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	5,1	**M7 (4m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	110822	302	
	6,2	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	6,9	**M7 (4m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	112605	359	
	8,1	**M7 (4m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	111606	359	
	9,5	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	113998	379	
	10,9	**M6 (3m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	124542	379	
	12,5	**M6 (3m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	123716	408	
	14,2	**M6 (3m)**	22	25	7903	**58,54**	**VR673.1K-3E180L/4D**	123235	408	
	4,1	**M8 (5m)**	7,5	7,3	9196	**200,14**	**VR773.1K-3E132M/4D**	122614	423	373
	5,0	**M8 (5m)**	7,5	8,8	7659	**166,50**	**VR773.1K-3E132M/4D**	129558	423	
	5,6	**M8 (5m)**	11	9,8	10031	**148,95**	**VR773.1K-3E160M/4C**	132294	423	
	6,4	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	7,4	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	8,5	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	9,7	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	10,9	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	12,2	**M8 (5m)**	18,5	22	7739	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	12,7	**M8 (5m)**	18,5	22	7456	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	14,7	**M8 (5m)**	22	26	7668	**56,82**	**VR773.1K-3E180L/4D**	145972	539	
	16,9	**M8 (5m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	142683	539	
Ø380	4,1	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	372
	4,6	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	5,4	**M7 (4m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	110822	302	
	6,5	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	7,3	**M7 (4m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	112605	359	
	8,6	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	10,0	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	11,5	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	13,2	**M6 (3m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	123716	408	
	15,0	**M6 (3m)**	22	25	7903	**58,54**	**VR673.1K-3E180L/4D**	123235	418	
	3,7	**M8 (5m)**	5,5	6,2	7860	**233,77**	**VR773.1K-3E132S/4C**	114944	413	373
	4,4	**M8 (5m)**	7,5	7,3	9196	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	5,2	**M8 (5m)**	7,5	8,8	7659	**166,50**	**VR773.1K-3E132M/4D**	129558	423	
	5,9	**M8 (5m)**	11	9,8	10031	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	6,8	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	7,9	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	9,0	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	10,2	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	11,5	**M8 (5m)**	18,5	19	8668	**76,29**	**VR773.1K-3E180M/4C**	145676	529	
	12,9	**M8 (5m)**	18,5	22	7739	**68,02**	**VR773.1K-3E180M/4C**	148206	529	

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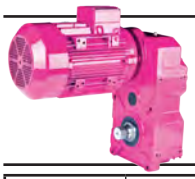

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø380	13,4	**M8 (5m)**	18,5	22	7456	**65,59**	**VR773.1K-3E180M/4C**	148050	529	373
	15,5	**M8 (5m)**	22	26	7668	**56,82**	**VR773.1K-3E180L/4D**	145972	539	
	17,8	**M8 (5m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø400	4,3	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	372
	4,8	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	5,7	**M7 (4m)**	11	9,0	10878	**161,66**	**VR673.1K-3E160M/4C**	106274	359	
	6,8	**M6 (3m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	123236	359	
	7,7	**M6 (3m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	124533	359	
	9,0	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	10,5	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	12,1	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	13,9	**M6 (3m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	121840	408	
	15,8	**M5 (2m)**	22	25	7903	**58,54**	**VR673.1K-3E180L/4D**	130962	418	
	3,9	**M8 (5m)**	5,5	6,2	7860	**233,77**	**VR773.1K-3E132S/4C**	114944	413	373
	4,6	**M8 (5m)**	7,5	7,3	9196	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	5,5	**M8 (5m)**	7,5	8,8	7659	**166,50**	**VR773.1K-3E132M/4D**	129558	423	
	6,2	**M8 (5m)**	11	9,8	10031	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	7,1	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	8,3	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	9,5	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	10,7	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	12,1	**M8 (5m)**	18,5	19	8668	**76,29**	**VR773.1K-3E180M/4C**	145676	529	
	13,6	**M8 (5m)**	18,5	22	7739	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	14,1	**M8 (5m)**	22	22	8867	**65,59**	**VR773.1K-3E180L/4D**	146529	539	
	16,3	**M8 (5m)**	22	26	7668	**56,82**	**VR773.1K-3E180L/4D**	145972	539	
	18,7	**M8 (5m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø420	4,5	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	372
	5,1	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	6,0	**M6 (3m)**	11	9,0	10878	**161,66**	**VR673.1K-3E160M/4C**	122614	359	
	7,2	**M6 (3m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	123236	359	
	8,1	**M6 (3m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	124533	359	
	9,5	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	11,0	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	12,7	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	14,6	**M5 (2m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	130270	418	
	16,6	**M5 (2m)**	22	25	7903	**58,54**	**VR673.1K-3E180L/4D**	130962	418	
	4,1	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	4,8	**M8 (5m)**	7,5	7,3	9196	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	5,8	**M8 (5m)**	11	8,8	11233	**166,50**	**VR773.1K-3E160M/4C**	125704	480	
	6,5	**M8 (5m)**	11	9,8	10031	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	7,5	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	8,7	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	9,9	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	11,3	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	12,7	**M8 (5m)**	18,5	19	8668	**76,29**	**VR773.1K-3E180M/4C**	145676	529	
	14,3	**M8 (5m)**	22	22	9203	**68,02**	**VR773.1K-3E180L/4D**	146628	539	
	14,8	**M8 (5m)**	22	22	8867	**65,59**	**VR773.1K-3E180L/4D**	146529	539	
	17,1	**M8 (5m)**	30	26	10457	**56,82**	**VR773.1K-3E200L/4D**	142965	585	
	19,7	**M8 (5m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	142683	585	

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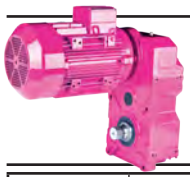

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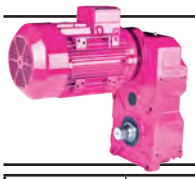
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø230	1,6	**M8 (5m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	54212	177	371
	1,8	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	177	
	2,1	**M8 (5m)**	3,0	11	2344	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	2,5	**M8 (5m)**	4,0	14	2630	**107,18**	**VR573.1K-3E112M/4D**	68017	184	
	3,0	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	3,4	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	3,8	**M7 (4m)**	5,5	21	2339	**69,00**	**VR573.1K-3E132S/4C**	79709	194	
	4,5	**M7 (4m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	79554	204	
	5,1	**M7 (4m)**	7,5	28	2403	**51,97**	**VR573.1K-3E132M/4D**	80785	204	
	6,2	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	7,1	**M6 (3m)**	11	39	2552	**37,64**	**VR573.1K-3E160M/4C**	85573	261	
	7,9	**M6 (3m)**	11	44	2272	**33,46**	**VR573.1K-3E160M/4C**	86236	261	
	9,4	**M6 (3m)**	15	52	2626	**28,30**	**VR573.1K-3E160L/4D**	85552	281	
	3,0	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	372
	3,5	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	292	
	4,0	**M8 (5m)**	5,5	22	2259	**66,59**	**VR673.1K-3E132S/4C**	115595	292	
	4,5	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø240	1,7	**M8 (5m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	54212	177	371
	1,9	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	177	
	2,2	**M8 (5m)**	3,0	11	2344	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	2,6	**M8 (5m)**	4,0	14	2630	**107,18**	**VR573.1K-3E112M/4D**	68017	184	
	3,1	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	3,5	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	4,0	**M7 (4m)**	5,5	21	2339	**69,00**	**VR573.1K-3E132S/4C**	79709	194	
	4,7	**M7 (4m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	79554	204	
	5,3	**M6 (3m)**	7,5	28	2403	**51,97**	**VR573.1K-3E132M/4D**	86002	204	
	6,5	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	7,4	**M6 (3m)**	11	39	2552	**37,64**	**VR573.1K-3E160M/4C**	85573	261	
	8,3	**M6 (3m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	84896	281	
	9,8	**M6 (3m)**	15	52	2626	**28,30**	**VR573.1K-3E160L/4D**	85552	281	
	3,1	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	372
	3,6	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	292	
	4,1	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	4,7	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø250	1,7	**M8 (5m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	54212	177	371
	2,0	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	177	
	2,2	**M8 (5m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	64656	184	
	2,7	**M7 (4m)**	4,0	14	2630	**107,18**	**VR573.1K-3E112M/4D**	76281	184	
	3,3	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	3,7	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	4,2	**M7 (4m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	78330	204	
	4,9	**M6 (3m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	85242	204	
	5,5	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	204	
	6,8	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	7,7	**M6 (3m)**	11	39	2552	**37,64**	**VR573.1K-3E160M/4C**	85573	261	
	8,6	**M6 (3m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	84896	281	
	10,2	**M5 (2m)**	15	52	2626	**28,30**	**VR573.1K-3E160L/4D**	89706	281	
	2,8	**M8 (5m)**	4,0	14	2505	**102,10**	**VR673.1K-3E112M/4D**	110887	282	372
	3,3	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	3,8	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	292	
	4,3	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	4,9	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø260	1,8	**M8 (5m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	54212	177	371
	2,1	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	177	
	2,3	**M7 (4m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	74221	184	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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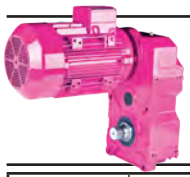
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø260	2,8	**M7 (4m)**	4,0	14	2630	**107,18**	**VR573.1K-3E112M/4D**	76281	184	371
	3,4	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	3,8	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	4,3	**M7 (4m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	78330	204	
	5,1	**M6 (3m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	85242	204	
	5,8	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	7,0	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	8,0	**M6 (3m)**	11	39	2552	**37,64**	**VR573.1K-3E160M/4C**	85573	261	
	9,0	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	10,6	**M5 (2m)**	15	52	2626	**28,30**	**VR573.1K-3E160L/4D**	89706	281	
	2,5	**M8 (5m)**	4,0	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108391	282	372
	2,9	**M8 (5m)**	5,5	14	2505	**102,10**	**VR673.1K-3E112M/4D**	110887	282	
	3,4	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	3,9	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	292	
	4,5	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	5,1	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø270	1,9	**M8 (5m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	54212	177	371
	2,1	**M7 (4m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	72265	177	
	2,4	**M7 (4m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	2,9	**M7 (4m)**	4,0	14	2630	**107,18**	**VR573.1K-3E112M/4D**	76281	184	
	3,5	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	4,0	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	4,5	**M6 (3m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	5,3	**M6 (3m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	85242	204	
	6,0	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	7,3	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	8,3	**M5 (2m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	281	
	9,3	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	11,0	**M5 (2m)**	15	52	2626	**28,30**	**VR573.1K-3E160L/4D**	89706	281	
	2,2	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	372
	2,5	**M8 (5m)**	4,0	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108391	282	
	2,9	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	3,4	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	3,9	**M8 (5m)**	5,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	4,5	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	5,1	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø280	1,9	**M7 (4m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	67713	177	371
	2,2	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	2,5	**M7 (4m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	3,0	**M7 (4m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	3,7	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	4,1	**M6 (3m)**	7,5	19	3583	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	4,7	**M6 (3m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	5,5	**M6 (3m)**	11	25	3952	**58,36**	**VR573.1K-3E160M/4C**	83203	204	
	6,2	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	7,6	**M5 (2m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	90015	261	
	8,6	**M5 (2m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	281	
	9,7	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	11,4	**M5 (2m)**	18,5	52	3239	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	1,5	**M8 (5m)**	2,2	6,8	2876	**213,15**	**VR673.1K-3E100L/4C**	89277	272	372
	1,7	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	2,0	**M8 (5m)**	3,0	9,0	2987	**161,66**	**VR673.1K-3E100L/4D**	102235	275	
	2,4	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	2,7	**M8 (5m)**	4,0	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108391	282	
	3,1	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	3,7	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	4,2	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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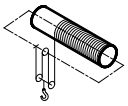

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**IE3 Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**IE3 Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**IE3 Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**IE3 Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø280	4,8	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	302	372
	5,5	**M8 (5m)**	11	25	3965	**58,54**	**VR673.1K-3E160M/4C**	114463	302	
Ø290	2,0	**M7 (4m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	67713	177	371
	2,3	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	2,6	**M7 (4m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	3,1	**M7 (4m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	3,8	**M6 (3m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	84262	194	
	4,3	**M6 (3m)**	7,5	19	3583	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	4,8	**M6 (3m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	5,7	**M6 (3m)**	11	25	3952	**58,36**	**VR573.1K-3E160M/4C**	83203	261	
	6,4	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	7,9	**M5 (2m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	90015	261	
	8,9	**M5 (2m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	281	
	10,0	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	11,8	**M5 (2m)**	18,5	52	3239	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	1,5	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	1,7	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	2,0	**M8 (5m)**	3,0	9,0	2987	**161,66**	**VR673.1K-3E100L/4D**	102235	275	
	2,5	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	2,8	**M8 (5m)**	4,0	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108391	282	
	3,3	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	3,8	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	4,4	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	5,0	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	5,7	**M8 (5m)**	11	25	3965	**58,54**	**VR673.1K-3E160M/4C**	114463	359	
Ø300	2,1	**M7 (4m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	67713	177	371
	2,4	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	2,7	**M7 (4m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	3,2	**M7 (4m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	3,9	**M6 (3m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	84262	194	
	4,4	**M6 (3m)**	7,5	19	3583	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	5,0	**M6 (3m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	5,9	**M6 (3m)**	11	25	3952	**58,36**	**VR573.1K-3E160M/4C**	83203	261	
	6,6	**M5 (2m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	89855	261	
	8,1	**M5 (2m)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	88313	261	
	9,2	**M5 (2m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	281	
	10,3	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	12,2	**M5 (2m)**	18,5	52	3239	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	1,6	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	1,8	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	2,1	**M8 (5m)**	3,0	9,0	2987	**161,66**	**VR673.1K-3E100L/4D**	102235	275	
	2,5	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	2,9	**M8 (5m)**	4,0	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108391	282	
	3,4	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	3,9	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	4,5	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	5,2	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	5,9	**M8 (5m)**	11	25	3965	**58,54**	**VR673.1K-3E160M/4C**	114463	359	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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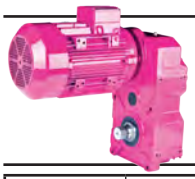
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	0,9	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	1,1	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	101	
	1,3	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	1,3	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	1,6	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	1,8	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	2,1	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	2,4	**M7 (4m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	49391	114	
	2,7	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	3,1	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	3,8	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	124	
	4,6	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	134	
	1,5	**M8 (5m)**	2,2	16	1196	**87,90**	**VR573.1K-3E100L/4C**	72098	174	371
	1,7	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	1,9	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	2,2	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76226	184	
	2,5	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	
	3,0	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	3,5	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	3,9	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	4,6	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø180	1,0	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	1,1	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	105	
	1,3	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	1,4	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	1,7	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	1,9	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	2,2	**M7 (4m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	48788	114	
	2,5	**M7 (4m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	49391	114	
	2,9	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	3,3	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	4,0	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50648	134	
	4,9	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	134	
	1,6	**M8 (5m)**	2,2	16	1196	**87,90**	**VR573.1K-3E100L/4C**	72098	174	371
	1,8	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	2,0	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	2,4	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76226	184	
	2,6	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	
	3,2	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	3,7	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	4,1	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	4,9	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø190	1,0	**M7 (4m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	47684	101	370
	1,2	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,4	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	1,5	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	1,8	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	2,0	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	2,3	**M6 (3m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	114	
	2,7	**M6 (3m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	51795	114	
	3,1	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	3,5	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	4,2	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50648	134	
	5,1	**M5 (2m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	53215	134	
	0,9	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	1,1	**M8 (5m)**	1,5	10	1322	**143,35**	**VR573.1K-3E90L/4D**	63206	170	
	1,1	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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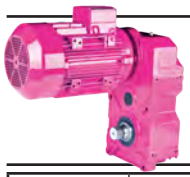
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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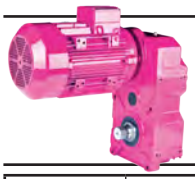
Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	1,3	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	371
	1,6	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,9	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	2,1	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	2,5	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76226	184	
	2,8	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	
	3,4	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	3,9	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	4,3	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	5,1	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø200	1,1	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	370
	1,2	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,5	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	1,6	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	
	1,9	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	2,1	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	2,5	**M6 (3m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	114	
	2,8	**M6 (3m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	51795	114	
	3,2	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	3,7	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	4,5	**M5 (2m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	52775	134	
	5,4	**M5 (2m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	53215	134	
	0,9	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	1,1	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	170	
	1,2	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,4	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	1,7	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	2,0	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	2,2	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	2,6	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76226	184	
	2,9	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	3,6	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	4,1	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	4,6	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	5,4	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	204	
Ø210	1,2	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	370
	1,3	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,6	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	46330	107	
	1,7	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	
	2,0	**M6 (3m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	51728	107	
	2,3	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	2,6	**M6 (3m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	114	
	3,0	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	50368	124	
	3,4	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	3,9	**M5 (2m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	53672	124	
	4,7	**M5 (2m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	52775	134	
	5,7	**M5 (2m)**	11	51	1942	**28,45**	**VR473.1K-3E160M/4C**	51463	191	
	1,0	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	1,1	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,3	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,5	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	1,8	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	2,1	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	2,3	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	2,7	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76226	184	
	3,1	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	3,8	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	4,3	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	4,8	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø210	5,7	**M8 (5m)**	11	51	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	371
Ø220	1,2	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-100L/4a-L04**	46004	105	370
	1,4	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-100L/4a-L04**	46991	105	
	1,6	**M6 (3m)**	3,0	14	1875	**101,48**	**VR473.1K-100L/4b-L04**	50219	107	
	1,7	**M6 (3m)**	3,0	15	1773	**95,87**	**VR473.1K-100L/4b-L04**	50784	107	
	2,1	**M6 (3m)**	3,0	18	1500	**81,00**	**VR473.1K-100L/4b-L04**	51728	107	
	2,4	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-112M/4-L05**	50870	114	
	2,7	**M6 (3m)**	4,0	23	1535	**61,85**	**VR473.1K-112M/4-L05**	51361	114	
	3,1	**M5 (2m)**	5,5	27	1845	**54,35**	**VR473.1K-132S/4-L10**	52940	124	
	3,5	**M5 (2m)**	5,5	31	1611	**47,37**	**VR473.1K-132S/4-L10**	53333	124	
	4,1	**M5 (2m)**	7,5	35	1929	**41,50**	**VR473.1K-132M/4-L10**	52214	134	
	4,9	**M5 (2m)**	7,5	43	1597	**34,28**	**VR473.1K-132M/4-L10**	52775	134	
	5,9	**M4 (1Am)**	11	51	1942	**28,45**	**VR473.1K-160M/4-L20**	53543	191	
	1,0	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	1,2	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,3	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,6	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	1,9	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	2,2	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	177	
	2,4	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	2,9	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	184	
	3,2	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	3,9	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	194	
	4,5	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	5,0	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	6,0	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	
Ø230	1,3	**M4 (1Am)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	62819	105	370
	1,4	**M4 (1Am)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	61623	105	
	1,1	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	1,2	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,4	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,6	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	2,0	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	2,2	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	2,5	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	3,0	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	3,4	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	4,1	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	4,7	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	5,3	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	6,2	**M7 (4m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	82814	261	
Ø240	1,1	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	371
	1,3	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,4	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,7	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	2,1	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	2,3	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	2,6	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	3,1	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	3,5	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	4,3	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	4,9	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	5,5	**M7 (4m)**	11	44	2287	**33,46**	**VR573.1K-3E160M/4C**	82099	261	
	6,5	**M7 (4m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	82814	261	

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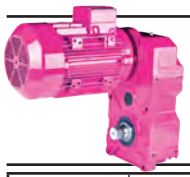

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	0,7	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	370
	0,8	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	1,0	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	1,0	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	
	1,2	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	1,4	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	1,6	**M8 (5m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	107	
	1,8	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	2,0	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	2,3	**M8 (5m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	48313	114	
	2,8	**M7 (5m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	114	
	3,4	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	124	
	2,6	**M8 (5m)**	4,0	39	934	**37,64**	**VR573.1K-3E112M/4D**	79521	184	371
	2,9	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	3,4	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	194	
Ø180	0,7	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	370
	0,8	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	1,0	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	1,1	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	1,3	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	1,5	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	1,7	**M8 (5m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	107	
	1,9	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	2,2	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	2,5	**M7 (4m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	50379	114	
	3,0	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	3,6	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	124	
	2,4	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	184	371
	2,7	**M8 (5m)**	4,0	39	934	**37,64**	**VR573.1K-3E112M/4D**	79521	184	
	3,1	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	3,6	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	194	
Ø190	0,8	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	0,9	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	1,1	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	1,1	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	1,3	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	1,5	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	1,7	**M8 (5m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	107	
	2,0	**M7 (4m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	50346	107	
	2,3	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	2,6	**M7 (4m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	50379	114	
	3,2	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	3,8	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	124	
	2,1	**M8 (5m)**	3,0	28	971	**51,97**	**VR573.1K-3E100L/4D**	78210	177	371
	2,6	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	184	
	2,9	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	3,3	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	3,8	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	194	
Ø200	0,8	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	0,9	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	1,1	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	1,2	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	1,4	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	1,6	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	46685	107	
	1,8	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	

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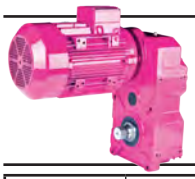

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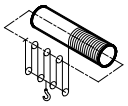

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø200	2,1	**M7 (4m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	50346	107	370
	2,4	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	2,8	**M7 (4m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	50379	114	
	3,3	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	4,0	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	2,0	**M8 (5m)**	3,0	25	1089	**58,36**	**VR573.1K-3E100L/4D**	76851	177	371
	2,2	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	2,7	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	184	
	3,0	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	3,4	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	4,1	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	
Ø210	0,9	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	1,0	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	1,2	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	1,2	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	1,5	**M7 (4m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	49870	105	
	1,7	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	1,9	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	2,2	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	2,5	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	2,9	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	49286	124	
	3,5	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	124	
	4,2	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	1,7	**M8 (5m)**	3,0	21	1285	**77,63**	**VR573.1K-3E100L/4D**	75564	174	371
	2,0	**M8 (5m)**	3,0	25	1089	**69,00**	**VR573.1K-3E100L/4D**	76851	177	
	2,3	**M8 (5m)**	4,0	28	1295	**58,36**	**VR573.1K-3E112M/4D**	77685	177	
	2,8	**M8 (5m)**	5,5	34	1452	**51,97**	**VR573.1K-3E132S/4C**	77840	184	
	3,2	**M8 (5m)**	5,5	39	1285	**42,62**	**VR573.1K-3E132S/4C**	78953	184	
	3,6	**M8 (5m)**	5,5	44	1144	**37,64**	**VR573.1K-3E132S/4C**	79948	194	
	4,3	**M8 (5m)**	7,5	52	1322	**33,46**	**VR573.1K-3E132M/4D**	80066	194	
	4,1	**M8 (5m)**	7,5	49	1380	**28,30**	**VR573.1K-132M/4-L10**	80199	204	
Ø220	0,9	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	1,0	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	1,2	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	1,3	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	1,5	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	1,8	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	2,0	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	2,3	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	2,6	**M7 (4m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	3,0	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	3,7	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	124	
	4,4	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	1,6	**M8 (5m)**	3,0	19	1443	**87,90**	**VR573.1K-3E100L/4D**	71396	174	371
	1,8	**M8 (5m)**	3,0	21	1285	**77,63**	**VR573.1K-3E100L/4D**	73543	177	
	2,1	**M8 (5m)**	4,0	25	1452	**69,00**	**VR573.1K-3E112M/4D**	73976	177	
	2,4	**M8 (5m)**	4,0	28	1295	**58,36**	**VR573.1K-3E112M/4D**	75648	184	
	3,0	**M8 (5m)**	5,5	34	1452	**51,97**	**VR573.1K-3E132S/4C**	75555	184	
	3,3	**M8 (5m)**	5,5	39	1285	**42,62**	**VR573.1K-3E132S/4C**	76931	194	
	3,8	**M8 (5m)**	5,5	44	1144	**37,64**	**VR573.1K-3E132S/4C**	78149	194	
	4,5	**M8 (5m)**	7,5	52	1322	**33,46**	**VR573.1K-3E132M/4D**	77985	194	
	4,3	**M8 (5m)**	7,5	49	1380	**28,30**	**VR573.1K-132M/4-L10**	78029	204	
Ø230	0,9	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	1,1	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	105	
	1,3	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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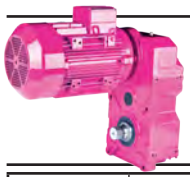
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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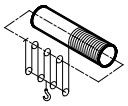

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø230	1,4	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	370
	1,6	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	1,9	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	2,1	**M7 (4m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	48788	114	
	2,4	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	2,8	**M6 (3m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	52173	114	
	3,2	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	3,8	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	124	
	4,6	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	1,2	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	371
	1,5	**M8 (5m)**	2,2	16	1196	**87,90**	**VR573.1K-3E100L/4C**	72098	174	
	1,7	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	1,9	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	2,2	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	2,5	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	3,1	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	3,5	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	3,9	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	4,7	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	
Ø240	1,0	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	54193	101	370
	1,1	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	56302	105	
	1,3	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	55299	105	
	1,4	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	53959	105	
	1,7	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	50871	107	
	1,9	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	50609	107	
	2,2	**M7 (4m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	49674	114	
	2,5	**M6 (3m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	52498	114	
	2,9	**M6 (3m)**	5,5	31	1622	**47,37**	**VR473.1K-3E132S/4C**	50987	124	
	3,3	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51249	124	
	4,0	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50483	134	
	4,8	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51009	134	
	1,3	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	371
	1,6	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,8	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	2,0	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	2,3	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	2,6	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	3,2	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	3,7	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	4,1	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	4,9	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	

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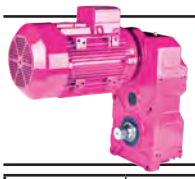

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø360	9,8	**M8 (5m)**	18,5	8,7	19214	**170,32**	**VR873.1K-3E180M/4C**	99554	875	374
	10,9	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	12,4	**M8 (5m)**	22	11	18080	**134,22**	**VR873.1K-3E180L/4D**	121311	890	
	14,3	**M8 (5m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	124175	965	
	16,2	**M7 (4m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	144923	965	
	18,3	**M7 (4m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	20,5	**M7 (4m)**	37	18	18460	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	22,8	**M7 (4m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	24,2	**M7 (4m)**	45	21	19056	**69,01**	**VR873.1K-3E225M/4D**	152342	1065	
	27,8	**M7 (4m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	151965	1180	
	31,6	**M6 (3m)**	55	28	17895	**53,03**	**VR873.1K-3E250M/4D**	161552	1180	
	35,9	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-3G280S/4**	156863	1310	
Ø380	10,3	**M8 (5m)**	18,5	8,7	19214	**170,32**	**VR873.1K-3E180M/4C**	99554	875	374
	11,5	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	13,1	**M7 (4m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	15,1	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	17,1	**M7 (4m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	144923	965	
	19,3	**M7 (4m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	21,7	**M7 (4m)**	37	18	18460	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	24,1	**M7 (4m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	25,5	**M6 (3m)**	45	21	19056	**69,01**	**VR873.1K-3E225M/4D**	162664	1065	
	29,3	**M6 (3m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	161462	1180	
	33,3	**M6 (3m)**	75	28	24402	**53,03**	**VR873.1K-3G280S/4**	156363	1310	
	37,8	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-3G280S/4**	156863	1310	
Ø400	10,9	**M8 (5m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	96646	890	374
	12,1	**M7 (4m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	133124	890	
	13,8	**M7 (4m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	15,9	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	18,0	**M7 (4m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	141412	1025	
	20,4	**M7 (4m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	22,8	**M6 (3m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	158349	1065	
	25,4	**M6 (3m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	160601	1065	
	26,9	**M6 (3m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	159288	1180	
	30,9	**M6 (3m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	161462	1180	
	35,1	**M6 (3m)**	75	28	24402	**53,03**	**VR873.1K-3G280S/4**	156363	1310	
	39,8	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-3G280S/4**	156863	1310	
Ø420	11,4	**M7 (4m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	122901	890	374
	12,7	**M7 (4m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	133124	890	
	14,4	**M7 (4m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	16,6	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	18,9	**M7 (4m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	141412	1025	
	21,4	**M6 (3m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	159360	1025	
	23,9	**M6 (3m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	158349	1065	
	26,7	**M6 (3m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	160601	1065	
	28,2	**M6 (3m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	159288	1180	
	32,4	**M6 (3m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	161462	1180	
	36,9	**M6 (3m)**	75	28	24402	**53,03**	**VR873.1K-3G280S/4**	156363	1310	
	41,8	**M5 (2m)**	75	32	21530	**46,82**	**VR873.1K-3G280S/4**	166925	1310	
Ø440	12,0	**M7 (4m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	122901	890	374
	13,3	**M7 (4m)**	30	9,6	28093	**152,83**	**VR873.1K-2ED180L/4D**	127139	890	
	15,1	**M7 (4m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	17,4	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	19,8	**M6 (3m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	156901	970	
	22,4	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	155795	1065	
	25,1	**M6 (3m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	158349	1065	
	27,9	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	157021	1180	
	29,6	**M6 (3m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	159288	1180	
	33,9	**M6 (3m)**	75	25	27716	**60,33**	**VR873.1K-3G280S/4**	155563	1310	
	38,6	**M5 (2m)**	75	28	24402	**53,03**	**VR873.1K-3G280S/4**	166532	1310	

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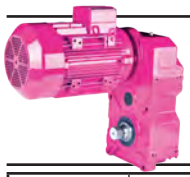

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø440	43,8	**M5 (2m)**	75	32	21530	**46,82**	**VR873.1K-3G280S/4**	166925	1310	374
Ø460	12,5	**M7 (4m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	122901	890	374
	13,9	**M7 (4m)**	30	9,6	28093	**152,83**	**VR873.1K-2ED180L/4D**	127139	890	
	15,8	**M6 (3m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	155606	965	
	18,2	**M6 (3m)**	37	13	26432	**116,84**	**VR873.1K-2ED200L/4D**	154117	970	
	20,7	**M6 (3m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	156901	970	
	23,4	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	155793	1065	
	26,2	**M6 (3m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	158347	1065	
	29,2	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	157024	1180	
	30,9	**M5 (2m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	170512	1180	
	35,5	**M5 (2m)**	75	25	27716	**60,33**	**VR873.1K-3G280S/4**	165849	1310	
	40,4	**M5 (2m)**	75	28	24402	**53,03**	**VR873.1K-3G280S/4**	166537	1310	
	45,8	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-3G280M/4**	163494	1370	
Ø480	13,1	**M6 (3m)**	30	8,7	31158	**170,32**	**VR873.1K-2ED180L/4D**	148105	890	374
	14,5	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-2ED180L/4D**	152473	890	
	16,5	**M6 (3m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	155606	965	
	19,0	**M6 (3m)**	37	13	26432	**116,84**	**VR873.1K-2ED200L/4D**	154117	970	
	21,6	**M6 (3m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	156901	970	
	24,4	**M5 (2m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	171049	1065	
	27,4	**M5 (2m)**	55	18	27441	**81,40**	**VR873.1K-3E250M/4D**	167962	1180	
	30,5	**M5 (2m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	169288	1180	
	32,3	**M5 (2m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	170512	1180	
	37,0	**M5 (2m)**	75	25	27716	**60,33**	**VR873.1K-3G280S/4**	165849	1310	
	42,1	**M5 (2m)**	75	28	24402	**53,03**	**VR873.1K-3G280S/4**	166537	1310	
	47,8	**M4 (1Am)**	90	32	25836	**46,82**	**VR873.1K-3G280M/4**	174140	1370	
Ø500	13,6	**M6 (3m)**	30	8,7	31158	**170,32**	**VR873.1K-2ED180L/4D**	148105	890	374
	15,1	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-2ED180L/4D**	152473	890	
	17,2	**M6 (3m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	155606	965	
	19,8	**M5 (2m)**	37	13	26432	**116,84**	**VR873.1K-2ED200L/4D**	174392	970	
	25,5	**M5 (2m)**	45	14	25109	**91,16**	**VR873.1K-3E225M/4D**	171049	1065	
	28,5	**M5 (2m)**	55	16	27441	**81,40**	**VR873.1K-3E250M/4D**	167962	1180	
	31,7	**M5 (2m)**	55	18	24686	**73,09**	**VR873.1K-3E250M/4D**	169288	1180	
	33,6	**M5 (2m)**	75	20	31760	**69,01**	**VR873.1K-3G280S/4**	163755	1310	
	38,6	**M4 (1Am)**	75	21	27716	**60,33**	**VR873.1K-3G280S/4**	176717	1310	
	43,9	**M4 (1Am)**	75	25	24402	**53,03**	**VR873.1K-3G280S/4**	177292	1310	
	49,8	**M4 (1Am)**	90	28	25836	**46,82**	**VR873.1K-3G280M/4**	174140	1370	

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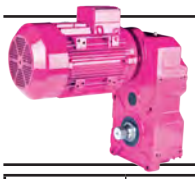

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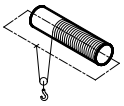

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø300	3,2	**M7 (4m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	104696	292	372
	3,6	**M7 (4m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	107152	302	
	4,3	**M7 (4m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	110778	302	
	5,1	**M7 (4m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	109499	359	
	5,8	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	6,8	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	7,9	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	9,1	**M6 (3m)**	18,5	19	8590	**76,17**	**VR673.1K-3E180M/4C**	122393	379	
	10,4	**M6 (3m)**	18,5	22	7523	**66,59**	**VR673.1K-3E180M/4C**	123710	408	
	11,8	**M6 (3m)**	22	25	7903	**58,54**	**VR673.1K-3E180L/4D**	123235	418	
	2,9	**M8 (5m)**	5,5	6,2	7860	**233,77**	**VR773.1K-3E132S/4C**	114944	413	373
	3,4	**M8 (5m)**	7,5	7,3	9165	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	4,1	**M8 (5m)**	7,5	8,8	7633	**166,50**	**VR773.1K-3E132M/4D**	129498	423	
	4,6	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	5,4	**M8 (5m)**	11	11	8641	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	6,2	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	7,1	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	8,1	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	9,1	**M8 (5m)**	18,5	19	8639	**76,29**	**VR773.1K-3E180M/4C**	145661	500	
	10,2	**M8 (5m)**	18,5	22	7713	**68,02**	**VR773.1K-3E180M/4C**	148191	529	
	10,6	**M8 (5m)**	18,5	22	7431	**65,59**	**VR773.1K-3E180M/4C**	148034	529	
	12,2	**M8 (5m)**	22	26	7694	**56,82**	**VR773.1K-3E180L/4D**	145986	539	
	14,1	**M8 (5m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø320	3,4	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	372
	3,9	**M7 (4m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	107152	302	
	4,6	**M7 (4m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	106246	359	
	5,5	**M6 (3m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	123203	359	
	6,2	**M6 (3m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	124506	359	
	7,2	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	8,4	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	9,7	**M6 (3m)**	18,5	19	8590	**76,17**	**VR673.1K-3E180M/4C**	122393	408	
	11,1	**M6 (3m)**	22	22	8946	**66,59**	**VR673.1K-3E180L/4D**	121840	408	
	12,6	**M5 (2m)**	22	25	7903	**58,54**	**VR673.1K-3E180L/4D**	130962	418	
	3,1	**M8 (5m)**	5,5	6,2	7860	**233,77**	**VR773.1K-3E132S/4C**	114944	413	373
	3,7	**M8 (5m)**	7,5	7,3	9165	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	4,4	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	423	
	5,0	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	5,7	**M8 (5m)**	11	11	8641	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	6,6	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	7,6	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	8,6	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	9,7	**M8 (5m)**	18,5	19	8639	**76,29**	**VR773.1K-3E180M/4C**	145661	529	
	10,9	**M8 (5m)**	18,5	22	7713	**68,02**	**VR773.1K-3E180M/4C**	148191	529	
	11,3	**M8 (5m)**	22	22	8837	**65,59**	**VR773.1K-3E180L/4D**	146519	529	
	13,0	**M8 (5m)**	22	26	7694	**56,82**	**VR773.1K-3E180L/4D**	145986	539	
	15,0	**M8 (5m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø340	3,7	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	372
	4,1	**M7 (4m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	107152	302	
	4,8	**M6 (3m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	5,8	**M6 (3m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	123203	359	
	6,5	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	120668	359	
	7,7	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	8,9	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	120914	379	
	10,3	**M6 (3m)**	18,5	19	8590	**76,17**	**VR673.1K-3E180M/4C**	122393	408	
	11,8	**M5 (2m)**	22	22	8946	**66,59**	**VR673.1K-3E180L/4D**	130268	418	
	13,4	**M5 (2m)**	30	25	10777	**58,54**	**VR673.1K-3E200L/4D**	127185	464	
	3,3	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373

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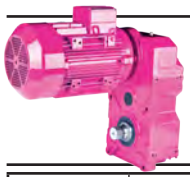

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø340	3,9	**M8 (5m)**	7,5	7,3	9165	**200,14**	**VR773.1K-3E132M/4D**	122543	423	373
	4,7	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	5,3	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	6,1	**M8 (5m)**	11	11	8641	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	7,0	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	8,0	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	9,1	**M8 (5m)**	18,5	17	9756	**85,99**	**VR773.1K-3E180M/4C**	142772	500	
	10,3	**M8 (5m)**	18,5	19	8639	**76,29**	**VR773.1K-3E180M/4C**	145661	529	
	11,6	**M8 (5m)**	22	22	9172	**68,02**	**VR773.1K-3E180L/4D**	146618	539	
	12,0	**M8 (5m)**	22	22	8837	**65,59**	**VR773.1K-3E180L/4D**	146519	539	
	13,8	**M8 (5m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	142970	585	
	15,9	**M8 (5m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø360	3,9	**M6 (3m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	127019	302	372
	4,4	**M6 (3m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	127223	302	
	5,1	**M6 (3m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	6,2	**M6 (3m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	123203	359	
	6,9	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	120668	379	
	8,1	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	9,5	**M5 (2m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	131243	408	
	10,9	**M5 (2m)**	18,5	19	8590	**76,17**	**VR673.1K-3E180M/4C**	131671	408	
	12,5	**M5 (2m)**	22	22	8946	**66,59**	**VR673.1K-3E180L/4D**	130268	418	
	14,2	**M5 (2m)**	30	25	10777	**58,54**	**VR673.1K-3E200L/4D**	127185	464	
	3,5	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	4,1	**M8 (5m)**	7,5	7,3	9165	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	5,0	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	5,6	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	6,5	**M8 (5m)**	11	11	8641	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	7,4	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	8,5	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	9,7	**M8 (5m)**	18,5	17	9756	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	10,9	**M8 (5m)**	18,5	19	8639	**76,29**	**VR773.1K-3E180M/4C**	145661	529	
	12,3	**M8 (5m)**	22	22	9172	**68,02**	**VR773.1K-3E180L/4D**	146618	539	
	12,7	**M8 (5m)**	22	22	8837	**65,59**	**VR773.1K-3E180L/4D**	146519	539	
	14,6	**M7 (4m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	16,9	**M7 (4m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	151398	585	
Ø380	4,1	**M6 (3m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	127019	302	372
	4,6	**M6 (3m)**	11	7,7	12686	**189,61**	**VR673.1K-3E160M/4C**	121919	359	
	5,4	**M6 (3m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	6,5	**M6 (3m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4D**	118902	359	
	7,3	**M5 (2m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	134063	379	
	8,6	**M5 (2m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	133758	379	
	10,0	**M5 (2m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	131243	408	
	11,6	**M5 (2m)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	129536	418	
	13,2	**M5 (2m)**	30	22	12199	**66,59**	**VR673.1K-3E200L/4D**	125993	418	
	15,0	**M5 (2m)**	30	25	10777	**58,54**	**VR673.1K-3E200L/4D**	127185	464	
	3,7	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	4,4	**M8 (5m)**	7,5	7,3	9165	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	5,2	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	5,9	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	6,8	**M8 (5m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	133702	500	
	7,9	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	9,0	**M8 (5m)**	18,5	15	11049	**97,55**	**VR773.1K-3E180M/4C**	139405	500	
	10,2	**M8 (5m)**	18,5	17	9756	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	11,5	**M8 (5m)**	22	19	10273	**76,29**	**VR773.1K-3E180L/4D**	143899	539	
	12,9	**M7 (4m)**	22	22	9172	**68,02**	**VR773.1K-3E180L/4D**	155561	539	
	13,4	**M7 (4m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	151971	539	
	15,4	**M7 (4m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	17,8	**M7 (4m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	151398	585	

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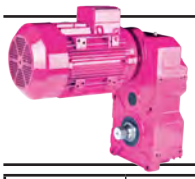
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø380	12,8	**M8 (5m)**	22	21	9329	**69,01**	**VR873.1K-3E180L/4D**	150258	890	374
	14,5	**M8 (5m)**	30	24	11177	**60,33**	**VR873.1K-3E200L/4D**	150256	965	
	16,6	**M8 (5m)**	30	28	9807	**53,03**	**VR873.1K-3E200L/4D**	149644	965	
	18,8	**M8 (5m)**	37	32	10693	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø400	4,3	**M6 (3m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	127019	302	372
	4,9	**M6 (3m)**	11	7,7	12686	**189,61**	**VR673.1K-3E160M/4C**	121919	359	
	5,7	**M6 (3m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	6,9	**M5 (2m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4D**	134529	379	
	7,7	**M5 (2m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	134063	379	
	9,0	**M5 (2m)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	130898	379	
	10,5	**M5 (2m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	131243	408	
	12,2	**M4 (1Am)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	139457	418	
	3,9	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	4,6	**M8 (5m)**	11	7,3	13442	**200,14**	**VR773.1K-3E160M/4C**	117932	480	
	5,5	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	6,2	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	7,2	**M8 (5m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	133702	500	
	8,3	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	9,5	**M8 (5m)**	18,5	15	11049	**97,55**	**VR773.1K-3E180M/4C**	139405	529	
	10,7	**M7 (4m)**	18,5	17	9756	**85,99**	**VR773.1K-3E180M/4C**	153284	529	
	12,1	**M7 (4m)**	22	19	10273	**76,29**	**VR773.1K-3E180L/4D**	153560	539	
	13,6	**M7 (4m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	14,1	**M7 (4m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	16,2	**M7 (4m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	18,7	**M7 (4m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	149105	621	
	11,3	**M8 (5m)**	22	18	11036	**81,40**	**VR873.1K-3E180L/4D**	143570	890	374
	12,7	**M8 (5m)**	22	20	9888	**73,09**	**VR873.1K-3E180L/4D**	146980	890	
	13,4	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	15,3	**M8 (5m)**	30	24	11177	**60,33**	**VR873.1K-3E200L/4D**	150256	965	
	17,5	**M8 (5m)**	30	28	9807	**53,03**	**VR873.1K-3E200L/4D**	149644	965	
	19,8	**M8 (5m)**	37	32	10693	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø420	4,5	**M5 (2m)**	11	6,8	14283	**213,15**	**VR673.1K-3E160M/4C**	153401	359	372
	5,1	**M5 (2m)**	11	7,7	12686	**189,61**	**VR673.1K-3E160M/4C**	145979	359	
	6,0	**M5 (2m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	141576	359	
	7,2	**M5 (2m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4D**	134529	379	
	8,1	**M5 (2m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	134063	379	
	9,5	**M4 (1Am)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	143568	408	
	11,0	**M4 (1Am)**	22	17	11789	**87,77**	**VR673.1K-3E180L/4D**	139905	408	
	12,8	**M4 (1Am)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	139457	418	
	4,1	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	4,8	**M8 (5m)**	11	7,3	13442	**200,14**	**VR773.1K-3E160M/4C**	117932	480	
	5,8	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	6,5	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	7,5	**M8 (5m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	133702	500	
	8,7	**M7 (4m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	150802	500	
	9,9	**M7 (4m)**	18,5	15	11049	**97,55**	**VR773.1K-3E180M/4C**	150936	529	
	11,3	**M7 (4m)**	22	17	11602	**85,99**	**VR773.1K-3E180L/4D**	151295	539	
	12,7	**M7 (4m)**	22	19	10273	**76,29**	**VR773.1K-3E180L/4D**	153560	539	
	14,3	**M7 (4m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	14,8	**M7 (4m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	17,1	**M7 (4m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	19,7	**M6 (3m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	158211	621	
	9,4	**M8 (5m)**	18,5	14	11684	**102,78**	**VR873.1K-3E180M/4C**	136441	875	374
	10,6	**M8 (5m)**	18,5	16	10379	**91,16**	**VR873.1K-3E180M/4C**	141084	875	
	11,9	**M8 (5m)**	22	18	11036	**81,40**	**VR873.1K-3E180L/4D**	143570	890	

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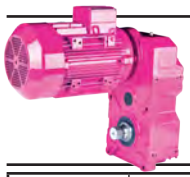

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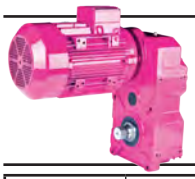
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø420	13,3	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	374
	14,1	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	16,1	**M8 (5m)**	30	24	11177	**60,33**	**VR873.1K-3E200L/4D**	150256	965	
	18,3	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147840	1025	
	20,8	**M8 (5m)**	37	32	10693	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø440	4,3	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-132M/4-L10**	111863	423	373
	5,1	**M8 (5m)**	11	7,3	13442	**200,14**	**VR773.1K-160M/4-L20**	117932	480	
	6,1	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-160M/4-L20**	125657	480	
	6,8	**M7 (4m)**	15	9,9	13632	**148,95**	**VR773.1K-160L/4-L20**	144686	500	
	7,9	**M7 (4m)**	15	11	11783	**128,81**	**VR773.1K-160L/4-L20**	148048	500	
	9,1	**M7 (4m)**	15	13	10224	**111,53**	**VR773.1K-160L/4-L20**	150802	500	
	10,4	**M7 (4m)**	18,5	15	11049	**97,55**	**VR773.1K-180M/4-L30**	150936	529	
	11,8	**M7 (4m)**	22	17	11602	**85,99**	**VR773.1K-180L/4-L30**	151295	539	
	13,4	**M7 (4m)**	22	19	10273	**76,29**	**VR773.1K-180L/4-L30**	153560	539	
	15,0	**M6 (3m)**	30	22	12508	**68,02**	**VR773.1K-200L/4-L40**	161310	585	
	15,5	**M6 (3m)**	30	22	12050	**65,59**	**VR773.1K-200L/4-L40**	161288	585	
	17,9	**M6 (3m)**	30	26	10492	**56,82**	**VR773.1K-200L/4-L40**	160997	585	
	8,7	**M8 (5m)**	15	13	10752	**116,84**	**VR873.1K-3E160L/4D**	132750	825	374
	9,9	**M8 (5m)**	18,5	14	11684	**102,78**	**VR873.1K-3E180M/4C**	136441	875	
	11,1	**M8 (5m)**	22	16	12342	**91,16**	**VR873.1K-3E180L/4D**	139526	890	
	12,5	**M8 (5m)**	22	18	11036	**81,40**	**VR873.1K-3E180L/4D**	143570	890	
	13,9	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	14,8	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	16,8	**M8 (5m)**	30	24	11177	**60,33**	**VR873.1K-3E200L/4D**	150256	965	
	19,2	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147840	1025	
	21,8	**M8 (5m)**	37	32	10693	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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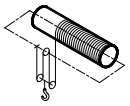

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	2,2	**M6 (3m)**	4,0	10	3501	**143,35**	**VR573.1K-3E112M/4D**	83697	184	371
	2,4	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	2,9	**M6 (3m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	3,5	**M6 (3m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	82491	204	
	4,0	**M6 (3m)**	7,5	19	3571	**77,63**	**VR573.1K-3E132M/4D**	83614	204	
	4,5	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	5,3	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	6,0	**M5 (2m)**	11	28	3512	**51,97**	**VR573.1K-3E160M/4C**	89846	261	
	7,3	**M5 (2m)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	88313	281	
	8,3	**M4 (1Am)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	93900	281	
	9,3	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	11,0	**M4 (1Am)**	22	52	3852	**28,30**	**VR573.1K-3E180L/4D**	92064	311	
	1,4	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	1,6	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	1,9	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	2,3	**M8 (5m)**	4,0	11	3296	**134,51**	**VR673.1K-3E112M/4D**	104667	282	
	2,6	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	3,0	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	3,5	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	4,1	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	112631	302	
	4,7	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	5,3	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø280	2,2	**M6 (3m)**	4,0	10	3501	**143,35**	**VR573.1K-3E112M/4D**	83697	184	371
	2,5	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	3,0	**M6 (3m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	3,7	**M6 (3m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	82491	204	
	4,1	**M5 (2m)**	7,5	19	3571	**77,63**	**VR573.1K-3E132M/4D**	91372	204	
	4,7	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	5,5	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	6,2	**M5 (2m)**	11	28	3512	**51,97**	**VR573.1K-3E160M/4C**	89846	261	
	7,6	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	8,6	**M4 (1Am)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	93900	281	
	9,7	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	11,4	**M4 (1Am)**	22	52	3852	**28,30**	**VR573.1K-3E180L/4D**	92064	320	
	1,5	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	1,7	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	2,0	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	2,4	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	2,7	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	3,1	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	3,7	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	4,2	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	112631	302	
	4,9	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	5,5	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø290	2,3	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	184	371
	2,6	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	3,1	**M6 (3m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	3,8	**M5 (2m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	4,3	**M5 (2m)**	7,5	19	3571	**77,63**	**VR573.1K-3E132M/4D**	91372	204	
	4,9	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	5,7	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	6,4	**M5 (2m)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	87774	261	
	7,9	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	8,9	**M4 (1Am)**	18,5	39	4292	**37,64**	**VR573.1K-3E180M/4C**	92583	281	
	10,0	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	11,8	**M4 (1Am)**	22	52	3852	**28,30**	**VR573.1K-3E180L/4D**	92064	320	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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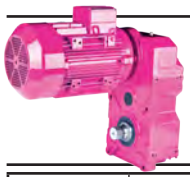

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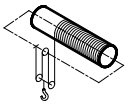

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	2,2	**M6 (3m)**	4,0	10	3501	**143,35**	**VR573.1K-3E112M/4D**	83697	184	371
	2,4	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	2,9	**M6 (3m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	3,5	**M6 (3m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	82491	204	
	4,0	**M6 (3m)**	7,5	19	3571	**77,63**	**VR573.1K-3E132M/4D**	83614	204	
	4,5	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	5,3	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	6,0	**M5 (2m)**	11	28	3512	**51,97**	**VR573.1K-3E160M/4C**	89846	261	
	7,3	**M5 (2m)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	88313	281	
	8,3	**M4 (1Am)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	93900	281	
	9,3	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	11,0	**M4 (1Am)**	22	52	3852	**28,30**	**VR573.1K-3E180L/4D**	92064	311	
	1,4	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	1,6	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	1,9	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	2,3	**M8 (5m)**	4,0	11	3296	**134,51**	**VR673.1K-3E112M/4D**	104667	282	
	2,6	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	3,0	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	3,5	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	4,1	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	112631	302	
	4,7	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	5,3	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø280	2,2	**M6 (3m)**	4,0	10	3501	**143,35**	**VR573.1K-3E112M/4D**	83697	184	371
	2,5	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	3,0	**M6 (3m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	3,7	**M6 (3m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	82491	204	
	4,1	**M5 (2m)**	7,5	19	3571	**77,63**	**VR573.1K-3E132M/4D**	91372	204	
	4,7	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	5,5	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	6,2	**M5 (2m)**	11	28	3512	**51,97**	**VR573.1K-3E160M/4C**	89846	261	
	7,6	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	8,6	**M4 (1Am)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	93900	281	
	9,7	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	11,4	**M4 (1Am)**	22	52	3852	**28,30**	**VR573.1K-3E180L/4D**	92064	320	
	1,5	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	1,7	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	2,0	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	2,4	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	2,7	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	3,1	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	3,7	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	4,2	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	112631	302	
	4,9	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	5,5	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø290	2,3	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	184	371
	2,6	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	3,1	**M6 (3m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	3,8	**M5 (2m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	4,3	**M5 (2m)**	7,5	19	3571	**77,63**	**VR573.1K-3E132M/4D**	91372	204	
	4,9	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	5,7	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	6,4	**M5 (2m)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	87774	261	
	7,9	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	8,9	**M4 (1Am)**	18,5	39	4292	**37,64**	**VR573.1K-3E180M/4C**	92583	281	
	10,0	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	11,8	**M4 (1Am)**	22	52	3852	**28,30**	**VR573.1K-3E180L/4D**	92064	320	

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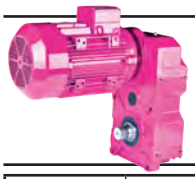
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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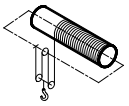

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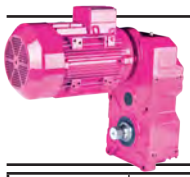
Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø290	1,5	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	1,7	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	2,1	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	2,5	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	2,8	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	3,3	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	3,8	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	4,4	**M8 (5m)**	11	19	5143	**76,17**	**VR673.1K-3E160M/4C**	110481	302	
	5,0	**M8 (5m)**	11	22	4488	66,59	**VR673.1K-3E160M/4C**	112595	359	
	5,7	**M8 (5m)**	11	25	3952	58,54	**VR673.1K-3E160M/4C**	114448	359	
Ø300	2,4	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371
	2,7	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	3,2	**M6 (3m)**	7,5	14	4932	**107,18**	**VR573.1K-3E132M/4D**	81646	194	
	3,9	**M5 (2m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	4,4	**M5 (2m)**	11	19	5237	**77,63**	**VR573.1K-3E160M/4C**	88669	204	
	5,0	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	5,9	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	6,7	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	8,1	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	9,2	**M4 (1Am)**	18,5	39	4292	**37,64**	**VR573.1K-3E180M/4C**	92583	311	
	10,4	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	12,2	**M4 (1Am)**	22	52	3852	**28,30**	**VR573.1K-3E180L/4D**	92064	320	
	1,6	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	1,8	**M8 (5m)**	4,0	7,6	4661	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	2,1	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	2,6	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	2,9	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	3,4	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	3,9	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	4,5	**M8 (5m)**	11	19	5143	**76,17**	**VR673.1K-3E160M/4C**	110481	359	
	5,2	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	5,9	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø310	2,5	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371
	2,8	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	3,3	**M5 (2m)**	7,5	14	4932	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	4,1	**M5 (2m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	4,6	**M5 (2m)**	11	19	5237	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	5,2	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	6,1	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	6,9	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	8,4	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	9,5	**M4 (1Am)**	18,5	39	4292	**37,64**	**VR573.1K-3E180M/4C**	92583	311	
	10,7	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	1,7	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	1,9	**M8 (5m)**	4,0	7,6	4661	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	2,2	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	2,6	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	3,0	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	3,5	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	4,1	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	4,7	**M8 (5m)**	11	19	5143	**76,17**	**VR673.1K-3E160M/4C**	110481	359	
	5,4	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	6,1	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø320	2,6	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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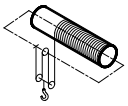

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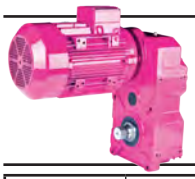
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø320	2,9	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	371
	3,4	**M5 (2m)**	7,5	14	4932	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	4,2	**M5 (2m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	4,7	**M5 (2m)**	11	19	5237	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	5,4	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	6,3	**M4 (1Am)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	96061	261	
	7,1	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	8,7	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	1,7	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	1,9	**M8 (5m)**	4,0	7,6	4661	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	2,3	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	2,7	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	3,1	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	3,6	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	4,2	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	4,8	**M8 (5m)**	11	19	5143	**76,17**	**VR673.1K-3E160M/4C**	110481	359	
	5,5	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	6,3	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø330	2,6	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371
	3,0	**M5 (2m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	95485	194	
	3,5	**M5 (2m)**	7,5	14	4932	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	4,3	**M5 (2m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	4,9	**M5 (2m)**	11	19	5237	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	5,5	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	6,5	**M4 (1Am)**	15	25	5371	**58,36**	**VR573.1K-3E160L/4D**	93738	261	
	7,3	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	8,5	**M4 (1Am)**	15	34	4134	**42,62**	**VR573.1K-160L/4-L20**	93867	281	
	1,8	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86185	282	372
	2,0	**M8 (5m)**	4,0	7,6	4661	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	2,3	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	282	
	2,8	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	3,2	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	3,7	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	4,3	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	5,0	**M8 (5m)**	11	19	5143	**76,17**	**VR673.1K-3E160M/4C**	110481	359	
	5,7	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	6,5	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	359	
Ø340	2,7	**M5 (2m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	97083	194	371
	3,1	**M5 (2m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	95485	194	
	3,6	**M5 (2m)**	7,5	14	4932	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	4,4	**M5 (2m)**	11	17	5920	**87,90**	**VR573.1K-3E160M/4C**	88266	261	
	5,0	**M5 (2m)**	11	19	5237	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	5,7	**M4 (1Am)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	96563	261	
	6,7	**M4 (1Am)**	15	25	5371	**58,36**	**VR573.1K-3E160L/4D**	93738	281	
	7,5	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	1,8	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86185	282	372
	2,0	**M8 (5m)**	4,0	7,6	4661	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	2,4	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	2,9	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	3,3	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	3,8	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	4,5	**M8 (5m)**	11	17	5914	**87,77**	**VR673.1K-3E160M/4C**	108011	359	
	5,1	**M8 (5m)**	11	19	5143	**76,17**	**VR673.1K-3E160M/4C**	110481	359	
	5,9	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	6,7	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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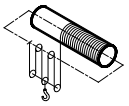

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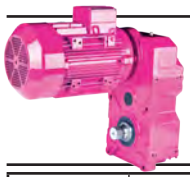
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	0,9	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	370
	1,1	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,3	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	46330	107	
	1,3	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	
	1,6	**M6 (3m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	51728	107	
	1,8	**M6 (3m)**	4,0	21	1736	**70,59**	**VR473.1K-3E112M/4D**	50876	114	
	2,1	**M6 (3m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	51364	114	
	2,4	**M6 (3m)**	5,5	27	1845	54,35	**VR473.1K-3E132S/4C**	50368	124	
	2,7	**M6 (3m)**	5,5	31	1611	47,37	**VR473.1K-3E132S/4C**	50927	124	
	3,1	**M5 (2m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	53672	124	
	3,8	**M5 (2m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	52780	134	
	4,6	**M5 (2m)**	11	52	1935	**28,45**	**VR473.1K-3E160M/4C**	51472	191	
	0,8	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	0,9	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,0	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,2	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	1,5	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,7	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	1,9	**M8 (5m)**	4,0	21	1701	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	2,2	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76226	184	
	2,5	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	3,0	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	3,5	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	3,9	**M8 (5m)**	7,5	44	1554	**33,46**	**VR573.1K-3E132M/4D**	79263	204	
	4,6	**M8 (5m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79050	261	
Ø180	1,0	**M5 (2m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	56548	105	370
	1,1	**M5 (2m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	56227	105	
	1,3	**M5 (2m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	54502	107	
	1,4	**M5 (2m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	54657	107	
	1,7	**M4 (1Am)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	58390	107	
	1,9	**M4 (1Am)**	4,0	21	1736	**70,59**	**VR473.1K-3E112M/4D**	56991	114	
	2,2	**M4 (1Am)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	57020	114	
	2,5	**M4 (1Am)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	55630	124	
	2,9	**M4 (1Am)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	55843	124	
	0,8	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	1,0	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,1	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,3	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	1,6	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,8	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	2,0	**M8 (5m)**	4,0	21	1701	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	2,4	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	2,6	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	3,2	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	3,7	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	4,1	**M8 (5m)**	7,5	44	1554	**33,46**	**VR573.1K-3E132M/4D**	79263	204	
	4,9	**M7 (4m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	82806	261	
Ø190	0,9	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	371
	1,0	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,1	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,3	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	1,6	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,9	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	2,1	**M8 (5m)**	4,0	21	1701	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	2,5	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	2,8	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	3,4	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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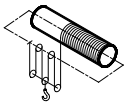

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	3,9	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	371
	4,4	**M8 (5m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	204	
	5,2	**M8 (5m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79050	261	
Ø200	0,9	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	371
	1,1	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,2	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,4	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	1,7	**M8 (5m)**	4,0	16	2175	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	2,0	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	2,2	**M8 (5m)**	4,0	21	1701	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	2,6	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	2,9	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	3,6	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	4,1	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	4,6	**M8 (5m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	5,4	**M8 (5m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79050	261	
Ø210	1,0	**M8 (5m)**	2,2	8,9	2292	**163,77**	**VR573.1K-3E100L/4C**	55515	174	371
	1,1	**M8 (5m)**	2,2	10	2011	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,3	**M8 (5m)**	3,0	11	2431	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	1,5	**M8 (5m)**	3,0	14	2060	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	1,8	**M8 (5m)**	4,0	16	2256	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	2,1	**M8 (5m)**	4,0	19	1995	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	2,3	**M8 (5m)**	5,5	21	2442	**69,00**	**VR573.1K-3E132S/4C**	73797	194	
	2,7	**M8 (5m)**	5,5	25	2070	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	3,1	**M8 (5m)**	5,5	28	1846	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	3,8	**M7 (5m)**	7,5	34	2067	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	4,3	**M7 (5m)**	7,5	39	1829	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	4,8	**M7 (5m)**	11	44	2387	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	5,7	**M7 (5m)**	11	52	2024	**28,30**	**VR573.1K-3E160M/4C**	79050	261	
Ø220	1,0	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	371
	1,2	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,3	**M8 (5m)**	3,0	11	2344	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	1,6	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	1,9	**M8 (5m)**	4,0	16	2175	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	2,2	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	2,4	**M8 (5m)**	5,5	21	2339	**69,00**	**VR573.1K-3E132S/4C**	73797	194	
	2,9	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	3,2	**M8 (5m)**	7,5	28	2411	**51,97**	**VR573.1K-3E132M/4D**	75826	204	
	3,9	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	4,5	**M8 (5m)**	11	39	2561	**37,64**	**VR573.1K-3E160M/4C**	76862	261	
	5,0	**M8 (5m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	6,0	**M8 (5m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79050	261	
Ø230	1,1	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	371
	1,2	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,4	**M8 (5m)**	3,0	11	2344	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	1,6	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	2,0	**M8 (5m)**	4,0	16	2175	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	2,2	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	2,5	**M8 (5m)**	5,5	21	2339	**69,00**	**VR573.1K-3E132S/4C**	73797	194	
	3,0	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	3,4	**M8 (5m)**	7,5	28	2411	**51,97**	**VR573.1K-3E132M/4D**	75826	204	
	4,1	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	4,7	**M8 (5m)**	11	39	2561	**37,64**	**VR573.1K-3E160M/4C**	76862	261	
	5,3	**M8 (5m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	6,3	**M8 (5m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79050	261	
Ø240	1,1	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	371
	1,3	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	177	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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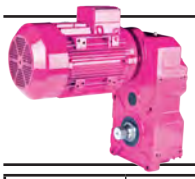

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø240	1,4	**M8 (5m)**	3,0	11	2344	**126,81**	**VR573.1K-3E100L/4D**	65923	177	371
	1,7	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	2,1	**M8 (5m)**	4,0	16	2175	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	2,3	**M8 (5m)**	5,5	19	2646	**77,63**	**VR573.1K-3E132S/4C**	71718	194	
	2,7	**M8 (5m)**	5,5	21	2339	**69,00**	**VR573.1K-3E132S/4C**	73797	194	
	3,1	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	3,5	**M8 (5m)**	7,5	28	2411	**51,97**	**VR573.1K-3E132M/4D**	75826	204	
	4,3	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	4,9	**M8 (5m)**	11	39	2561	37,64	**VR573.1K-3E160M/4C**	76862	261	
	5,5	**M8 (5m)**	11	44	2280	33,46	**VR573.1K-3E160M/4C**	78086	261	
	6,5	**M8 (5m)**	15	52	2626	**28,30**	**VR573.1K-3E160L/4D**	77914	281	

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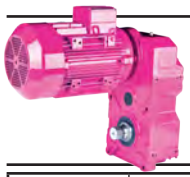
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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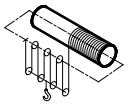

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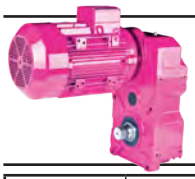
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	0,7	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	0,8	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	1,0	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	1,0	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	1,2	**M7 (4m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	49870	105	
	1,4	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	1,6	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	1,8	**M7 (4m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	49391	114	
	2,1	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	2,3	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	49286	124	
	2,8	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	124	
	3,4	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	134	
	1,2	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	371
	1,4	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	1,7	**M8 (5m)**	3,0	25	1089	**58,36**	**VR573.1K-3E100L/4D**	76851	177	
	1,9	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	
	2,3	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	2,6	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	2,9	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	3,5	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø180	0,7	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	0,8	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	105	
	1,0	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	1,1	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	1,3	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	1,5	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	1,7	**M7 (4m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	1,9	**M7 (4m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	49391	114	
	2,2	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	2,5	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	3,0	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	124	
	3,6	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	134	
	1,0	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	371
	1,2	**M8 (5m)**	2,2	16	1196	**87,90**	**VR573.1K-3E100L/4C**	72098	174	
	1,3	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	1,5	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	1,8	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	2,0	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	
	2,4	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	2,7	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	3,1	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	3,7	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø190	0,8	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	370
	0,9	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,1	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	1,1	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	1,3	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	1,5	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	1,7	**M7 (4m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	48788	114	
	2,0	**M6 (3m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	51795	114	
	2,3	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	2,6	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	3,2	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50648	134	
	3,8	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	134	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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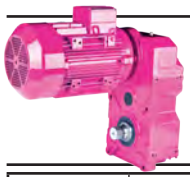
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø190	1,0	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	371
	1,2	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	174	
	1,4	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	1,6	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	1,9	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	2,1	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	
	2,6	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	2,9	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	3,3	**M8 (5m)**	7,5	44	1560	33,46	**VR573.1K-3E132M/4D**	79274	204	
	3,9	**M8 (5m)**	7,5	52	1318	28,30	**VR573.1K-3E132M/4D**	80055	204	
Ø200	0,8	**M7 (4m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	47684	101	370
	0,9	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,1	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	1,2	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	1,4	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	1,6	**M7 (4m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	48104	114	
	1,8	**M6 (3m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	114	
	2,1	**M6 (3m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	51795	114	
	2,4	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	2,8	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	3,3	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50648	134	
	4,0	**M5 (2m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	53215	134	
	0,7	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	0,8	**M8 (5m)**	1,5	10	1322	**143,35**	**VR573.1K-3E90L/4D**	63206	170	
	0,9	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,1	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	1,3	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,5	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	1,6	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	2,0	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	2,2	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	
	2,7	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	3,0	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	3,4	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	4,1	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø210	0,9	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	370
	1,0	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,2	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	1,2	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	
	1,5	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	1,7	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	1,9	**M6 (3m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	114	
	2,2	**M6 (3m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	51795	114	
	2,5	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	2,9	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	3,5	**M5 (2m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	52775	134	
	4,2	**M5 (2m)**	11	51	1942	**28,45**	**VR473.1K-3E160M/4C**	51463	134	
	0,7	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	0,8	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	170	
	0,9	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,1	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	1,4	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,5	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	1,7	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	2,0	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	2,3	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	2,8	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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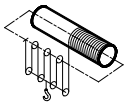

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø210	3,2	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	371
	3,6	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	4,3	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	204	
Ø220	1,0	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	370
	1,2	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,3	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	46330	107	
	1,5	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	
	1,8	**M6 (3m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	51728	107	
	2,0	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	2,3	**M6 (3m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	114	
	2,7	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	50368	124	
	3,0	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	3,7	**M5 (2m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	53672	124	
	3,5	**M5 (2m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	52775	134	
	4,2	**M5 (2m)**	11	51	2033	**28,45**	**VR473.1K-160M/4-L20**	51344	191	
	0,8	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	0,9	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,0	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,2	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	1,4	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,6	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	1,8	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	2,1	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	2,4	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	3,0	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	3,3	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	3,8	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	4,5	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	
Ø230	0,9	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	370
	1,1	**M6 (3m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	51366	105	
	1,3	**M6 (3m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	50219	107	
	1,4	**M6 (3m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	50784	107	
	1,6	**M6 (3m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	51728	107	
	1,9	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	2,1	**M5 (2m)**	4,0	23	1535	**61,85**	**VR473.1K-3E112M/4D**	54122	114	
	2,4	**M5 (2m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	52940	124	
	2,8	**M5 (2m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	53333	124	
	3,2	**M5 (2m)**	7,5	35	1929	**41,50**	**VR473.1K-3E132M/4D**	52214	134	
	3,8	**M5 (2m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	52775	134	
	0,8	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	0,9	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,0	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,2	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	1,5	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,7	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	177	
	1,9	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	2,2	**M8 (5m)**	5,5	25	1996	**58,36**	**VR573.1K-3E132S/4C**	75379	184	
	2,5	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	3,1	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	194	
	3,5	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	3,9	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	4,7	**M8 (5m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	
Ø240	0,8	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	170	371
	1,0	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,1	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	

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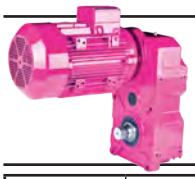

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø240	1,3	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	371
	1,6	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,8	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	2,0	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	2,3	**M8 (5m)**	5,5	25	1996	**58,36**	**VR573.1K-3E132S/4C**	75379	194	
	2,6	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	3,2	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	3,7	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	4,1	**M8 (5m)**	7,5	44	1560	33,46	**VR573.1K-3E132M/4D**	79274	204	
	4,9	**M7 (4m)**	11	52	1932	28,30	**VR573.1K-3E160M/4C**	82814	261	

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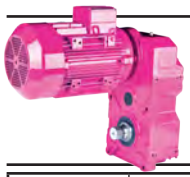

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø360	9,8	**M7 (4m)**	22	8,6	22927	**170,32**	**VR873.1K-3E180L/4D**	122983	890	374
	10,9	**M7 (4m)**	30	9,7	27998	**152,83**	**VR873.1K-2ED180L/4D**	127098	890	
	12,4	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	14,3	**M6 (3m)**	37	13	26378	**116,84**	**VR873.1K-2ED200L/4D**	154104	970	
	16,3	**M6 (3m)**	37	14	23242	**102,78**	**VR873.1K-2ED200L/4D**	156890	970	
	18,3	**M6 (3m)**	45	16	25126	**91,16**	**VR873.1K-3E225M/4D**	155794	1065	
	20,5	**M6 (3m)**	45	18	22467	**81,40**	**VR873.1K-3E225M/4D**	158348	1065	
	22,9	**M6 (3m)**	55	20	24603	**73,09**	**VR873.1K-3E250M/4D**	157033	1180	
	24,3	**M6 (3m)**	55	21	23212	**69,01**	**VR873.1K-3E250M/4D**	159301	1180	
	27,8	**M5 (2m)**	75	25	27660	**60,33**	**VR873.1K-3G280S/4**	165862	1310	
	31,7	**M5 (2m)**	75	28	24353	**53,03**	**VR873.1K-3G280S/4**	166546	1310	
	35,9	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-3G280M/4**	163494	1370	
Ø380	10,3	**M6 (3m)**	22	8,6	22927	**170,32**	**VR873.1K-3E180L/4D**	154854	890	374
	11,5	**M6 (3m)**	30	9,7	27998	**152,83**	**VR873.1K-2ED180L/4D**	152412	890	
	13,1	**M6 (3m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	155561	965	
	15,1	**M6 (3m)**	37	13	26378	**116,84**	**VR873.1K-2ED200L/4D**	154104	970	
	17,2	**M6 (3m)**	37	14	23242	**102,78**	**VR873.1K-2ED200L/4D**	156890	970	
	19,3	**M6 (3m)**	45	16	25126	**91,16**	**VR873.1K-3E225M/4D**	155794	1065	
	21,7	**M5 (2m)**	55	18	27460	**81,40**	**VR873.1K-3E250M/4D**	167961	1180	
	24,2	**M5 (2m)**	55	20	24603	**73,09**	**VR873.1K-3E250M/4D**	169292	1180	
	25,6	**M5 (2m)**	55	21	23212	**69,01**	**VR873.1K-3E250M/4D**	170518	1180	
	29,4	**M5 (2m)**	75	25	27660	**60,33**	**VR873.1K-3G280S/4**	165862	1310	
	33,4	**M5 (2m)**	75	28	24353	**53,03**	**VR873.1K-3G280S/4**	166546	1310	
	37,8	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-3G280M/4**	163494	1370	
Ø400	10,8	**M6 (3m)**	30	8,6	31264	**170,32**	**VR873.1K-2ED180L/4D**	148197	890	374
	12,1	**M6 (3m)**	30	9,7	27998	**152,83**	**VR873.1K-2ED180L/4D**	152412	890	
	13,8	**M6 (3m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	155561	965	
	15,9	**M5 (2m)**	37	13	26378	**116,84**	**VR873.1K-2ED200L/4D**	174372	970	
	20,4	**M5 (2m)**	45	14	25126	**91,16**	**VR873.1K-3E225M/4D**	171051	1065	
	22,8	**M5 (2m)**	55	16	27460	**81,40**	**VR873.1K-3E250M/4D**	167961	1180	
	25,5	**M5 (2m)**	55	18	24603	**73,09**	**VR873.1K-3E250M/4D**	169292	1180	
	27,0	**M5 (2m)**	75	20	31653	**69,01**	**VR873.1K-3G280S/4**	163784	1310	
	30,9	**M4 (1Am)**	75	21	27660	**60,33**	**VR873.1K-3G280S/4**	176729	1310	
	35,2	**M4 (1Am)**	75	25	24353	**53,03**	**VR873.1K-3G280S/4**	177299	1310	
	39,8	**M4 (1Am)**	90	28	25836	**46,82**	**VR873.1K-3G280M/4**	174140	1370	
Ø420	11,4	**M5**	30	8,6	31264	**170,32**	**VR873.1K-2ED180L/4D**	188270	890	374
	12,7	**M5**	30	9,7	27998	**152,83**	**VR873.1K-2ED180L/4D**	182750	890	
	14,5	**M5**	37	11	24571	**134,22**	**VR873.1K-2ED200L/4D**	175314	970	
	16,7	**M5**	37	13	26378	**116,84**	**VR873.1K-2ED200L/4D**	174372	970	
	21,4	**M4**	55	14	25126	**91,16**	**VR873.1K-3E250M/4D**	183179	1180	
	23,9	**M4**	55	16	27460	**81,40**	**VR873.1K-3E250M/4D**	182603	1180	
	26,7	**M4**	75	18	24603	**73,09**	**VR873.1K-3G280S/4**	175265	1310	
	28,3	**M4**	75	20	31653	**69,01**	**VR873.1K-3G280S/4**	175712	1310	
	32,5	**M4**	75	21	27660	**60,33**	**VR873.1K-3G280S/4**	176729	1310	
	36,9	**M4**	90	25	24353	**53,03**	**VR873.1K-3G280M/4**	173416	1370	

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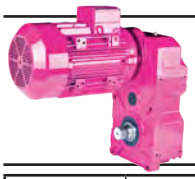

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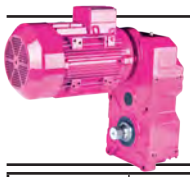
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø320	3,5	**M6 (3m)**	7,5	6,9	9705	**213,15**	**VR673.1K-3E132M/4D**	126919	302	372
	3,9	**M6 (3m)**	11	7,8	12642	**189,61**	**VR673.1K-3E160M/4C**	121867	359	
	4,6	**M6 (3m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	122536	359	
	5,5	**M5 (2m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4D**	134529	379	
	6,2	**M5 (2m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	134063	379	
	7,3	**M5 (2m)**	18,5	14	11467	**102,10**	**VR673.1K-3E180M/4C**	130890	379	
	8,4	**M5 (2m)**	18,5	17	9880	**87,77**	**VR673.1K-3E180M/4C**	131235	408	
	9,7	**M4 (1Am)**	22	19	10250	**76,17**	**VR673.1K-3E180L/4D**	139462	418	
	11,1	**M4 (1Am)**	30	22	12199	**66,59**	**VR673.1K-3E200L/4D**	134953	464	
	12,7	**M4 (1Am)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	135366	464	
	3,1	**M8 (5m)**	7,5	6,3	10681	**233,77**	**VR773.1K-3E132M/4D**	111776	423	373
	3,7	**M8 (5m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	117877	480	
	4,4	**M8 (5m)**	11	8,8	11157	**166,50**	**VR773.1K-3E160M/4C**	125610	480	
	5,0	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	5,7	**M8 (5m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	133702	500	
	6,6	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	7,6	**M8 (5m)**	18,5	15	11011	**97,55**	**VR773.1K-3E180M/4C**	139390	529	
	8,6	**M7 (4m)**	18,5	17	9723	**85,99**	**VR773.1K-3E180M/4C**	153266	529	
	9,7	**M7 (4m)**	22	19	10308	**76,29**	**VR773.1K-3E180L/4D**	153572	539	
	10,9	**M7 (4m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	11,3	**M7 (4m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	13,0	**M7 (4m)**	30	26	10457	**56,82**	**VR773.1K-3E200L/4D**	151779	585	
	15,0	**M7 (4m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	149105	621	
	9,1	**M8 (5m)**	22	18	11036	**81,40**	**VR873.1K-3E180L/4D**	143570	890	374
	10,1	**M8 (5m)**	22	20	9921	**73,09**	**VR873.1K-3E180L/4D**	147005	890	
	10,7	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	12,3	**M8 (5m)**	30	24	11139	**60,33**	**VR873.1K-3E200L/4D**	150242	965	
	14,0	**M8 (5m)**	30	28	9807	**53,03**	**VR873.1K-3E200L/4D**	149644	965	
	15,9	**M8 (5m)**	37	32	10672	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø340	3,7	**M5 (2m)**	11	6,9	14234	**213,15**	**VR673.1K-3E160M/4C**	153288	359	372
	4,1	**M5 (2m)**	11	7,8	12642	**189,61**	**VR673.1K-3E160M/4C**	145907	359	
	4,9	**M5 (2m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	141525	359	
	5,8	**M5 (2m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4D**	134529	379	
	6,5	**M4 (1Am)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	148787	379	
	7,7	**M4 (1Am)**	18,5	14	11467	**102,10**	**VR673.1K-3E180M/4C**	143555	408	
	9,0	**M4 (1Am)**	22	17	11749	**87,77**	**VR673.1K-3E180L/4D**	139901	408	
	10,3	**M4 (1Am)**	22	19	10250	**76,17**	**VR673.1K-3E180L/4D**	139462	418	
	11,8	**M4 (1Am)**	30	22	12199	**66,59**	**VR673.1K-3E200L/4D**	134953	464	
	3,3	**M8 (5m)**	7,5	6,3	10681	**233,77**	**VR773.1K-3E132M/4D**	111776	423	373
	3,9	**M8 (5m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	117877	480	
	4,7	**M8 (5m)**	11	8,8	11157	**166,50**	**VR773.1K-3E160M/4C**	125610	480	
	5,3	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	6,1	**M8 (5m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	133702	500	
	7,0	**M7 (4m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	150802	500	
	8,1	**M7 (4m)**	18,5	15	11011	**97,55**	**VR773.1K-3E180M/4C**	150917	529	
	9,2	**M7 (4m)**	22	17	11562	**85,99**	**VR773.1K-3E180L/4D**	151283	539	
	10,3	**M7 (4m)**	22	19	10308	**76,29**	**VR773.1K-3E180L/4D**	153572	539	
	11,6	**M7 (4m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	12,0	**M7 (4m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	13,9	**M7 (4m)**	30	26	10457	**56,82**	**VR773.1K-3E200L/4D**	151779	585	
	15,9	**M6 (3m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	158211	621	
	7,7	**M8 (5m)**	18,5	14	11645	**102,78**	**VR873.1K-3E180M/4C**	136405	875	374
	8,6	**M8 (5m)**	18,5	16	10344	**91,16**	**VR873.1K-3E180M/4C**	141051	875	
	9,6	**M8 (5m)**	22	18	11036	**81,40**	**VR873.1K-3E180L/4D**	143570	890	
	10,7	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	11,4	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	13,1	**M8 (5m)**	30	24	11139	**60,33**	**VR873.1K-3E200L/4D**	150242	965	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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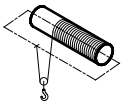

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø360	3,5	**M8 (5m)**	7,5	6,3	10681	**233,77**	**VR773.1K-3E132M/4D**	111776	423	373
	4,2	**M8 (5m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	117877	480	
	5,0	**M7 (4m)**	11	8,8	11157	**166,50**	**VR773.1K-3E160M/4C**	144492	480	
	5,6	**M7 (4m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	144686	500	
	6,5	**M7 (4m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	148048	500	
	7,4	**M7 (4m)**	18,5	13	12609	**111,53**	**VR773.1K-3E180M/4C**	148230	529	
	8,5	**M7 (4m)**	18,5	15	11011	**97,55**	**VR773.1K-3E180M/4C**	150917	529	
	9,7	**M7 (4m)**	22	17	11562	**85,99**	**VR773.1K-3E180L/4D**	151283	539	
	10,9	**M6 (3m)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	159677	585	
	12,3	**M6 (3m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	161310	585	
	12,7	**M6 (3m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	161288	585	
	14,7	**M6 (3m)**	30	26	10457	**56,82**	**VR773.1K-3E200L/4D**	160988	585	
	16,9	**M6 (3m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	158211	621	
	6,2	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4D**	125889	825	374
	7,1	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	8,1	**M8 (5m)**	18,5	14	11645	**102,78**	**VR873.1K-3E180M/4C**	136405	875	
	9,1	**M8 (5m)**	22	16	12301	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	10,2	**M8 (5m)**	22	18	11036	**81,40**	**VR873.1K-3E180L/4D**	143570	890	
	11,4	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	12,1	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	13,8	**M8 (5m)**	30	24	11139	**60,33**	**VR873.1K-3E200L/4D**	150242	965	
	15,7	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	17,8	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225M/4D**	145520	1065	
Ø380	3,7	**M7 (4m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	134569	480	373
	4,4	**M7 (4m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	140563	480	
	5,3	**M7 (4m)**	11	8,8	11157	**166,50**	**VR773.1K-3E160M/4C**	144492	480	
	5,9	**M7 (4m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	144686	500	
	6,8	**M7 (4m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	148048	500	
	7,9	**M6 (3m)**	18,5	13	12609	**111,53**	**VR773.1K-3E180M/4C**	161940	529	
	9,0	**M6 (3m)**	22	15	13094	**97,55**	**VR773.1K-3E180L/4D**	160930	539	
	10,2	**M6 (3m)**	22	17	11562	**85,99**	**VR773.1K-3E180L/4D**	162381	539	
	11,5	**M6 (3m)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	159677	585	
	12,9	**M6 (3m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	161310	585	
	13,4	**M6 (3m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	161288	585	
	15,5	**M5 (2m)**	37	26	12897	**56,82**	**VR773.1K-3E225S/4C**	168318	621	
	17,8	**M5 (2m)**	45	30	13673	**49,45**	**VR773.1K-3E225M/4D**	165440	621	
	5,1	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	5,7	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	6,5	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4D**	125889	825	
	7,5	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	8,6	**M8 (5m)**	18,5	14	11645	**102,78**	**VR873.1K-3E180M/4C**	136405	875	
	9,7	**M8 (5m)**	22	16	12301	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	10,8	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	12,0	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	12,8	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	14,6	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	16,6	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	18,8	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225M/4D**	145520	1065	
Ø400	3,9	**M7 (4m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	134569	480	373
	4,6	**M7 (4m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	140563	480	
	5,5	**M6 (3m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	161330	500	
	6,2	**M6 (3m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	162688	500	
	7,2	**M6 (3m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	163612	500	
	8,3	**M6 (3m)**	18,5	13	12609	**111,53**	**VR773.1K-3E180M/4C**	161940	529	
	9,5	**M6 (3m)**	22	15	13094	**97,55**	**VR773.1K-3E180L/4D**	160930	539	
	10,8	**M6 (3m)**	30	17	15767	**85,99**	**VR773.1K-3E200L/4D**	157848	585	
	12,1	**M5 (2m)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	170707	585	
	13,6	**M5 (2m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	171417	585	
	14,1	**M5 (2m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	171366	585	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø400	16,3	**M5 (2m)**	37	26	12897	**56,82**	**VR773.1K-3E225S/4C**	168318	621	373
	18,7	**M5 (2m)**	45	30	13673	**49,45**	**VR773.1K-3E225M/4D**	165440	645	
	5,4	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	6,0	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	6,9	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4D**	125889	825	
	7,9	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	9,0	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	10,2	**M8 (5m)**	22	16	12301	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	11,3	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	12,6	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	13,4	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	15,4	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	17,5	**M8 (5m)**	45	28	14711	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	19,8	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225M/4D**	145520	1065	
Ø420	4,1	**M7 (4m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	134569	480	373
	4,8	**M6 (3m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	166812	480	
	5,8	**M6 (3m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	161330	500	
	6,5	**M6 (3m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	162688	500	
	7,5	**M6 (3m)**	18,5	11	14532	**128,81**	**VR773.1K-3E180M/4C**	160648	529	
	8,7	**M5 (2m)**	18,5	13	12609	**111,53**	**VR773.1K-3E180M/4C**	177171	529	
	10,0	**M5 (2m)**	22	15	13094	**97,55**	**VR773.1K-3E180L/4D**	174430	539	
	11,3	**M5 (2m)**	30	17	15767	**85,99**	**VR773.1K-3E200L/4D**	169983	585	
	12,7	**M5 (2m)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	170707	585	
	14,3	**M5 (2m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	171417	585	
	14,8	**M5 (2m)**	37	22	14862	**65,59**	**VR773.1K-3E225S/4C**	168334	621	
	17,1	**M5 (2m)**	37	26	12897	**56,82**	**VR773.1K-3E225S/4C**	168318	621	
	19,7	**M4 (1Am)**	45	30	13673	**49,45**	**VR773.1K-3E225M/4D**	175859	645	
	5,7	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	6,3	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	7,2	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	8,3	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	9,5	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	10,7	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	11,9	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	13,3	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	14,1	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	16,1	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	18,3	**M8 (5m)**	45	28	14711	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	20,8	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225M/4D**	145520	1065	
Ø440	4,3	**M6 (3m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	168737	480	373
	5,1	**M6 (3m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	166812	480	
	6,1	**M6 (3m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	161330	500	
	6,8	**M5 (2m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	183216	500	
	7,9	**M5 (2m)**	18,5	11	14532	**128,81**	**VR773.1K-3E180M/4C**	178134	529	
	9,1	**M5 (2m)**	22	13	14995	**111,53**	**VR773.1K-3E180L/4D**	174599	539	
	10,4	**M5 (2m)**	22	15	13094	**97,55**	**VR773.1K-3E180L/4D**	174430	539	
	11,8	**M5 (2m)**	30	17	15767	**85,99**	**VR773.1K-3E200L/4D**	169983	585	
	13,3	**M5 (2m)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	170707	585	
	6,0	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	6,6	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	7,6	**M8 (5m)**	18.5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	8,7	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	9,9	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	11,2	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	12,5	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	13,9	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	14,8	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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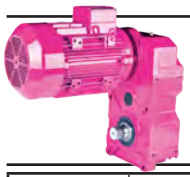
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø440	16,9	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	374
	19,2	**M8 (5m)**	45	28	14711	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	21,8	**M7 (4m)**	55	32	15863	**46,82**	**VR873.1K-3E250M/4D**	152133	1180	
Ø450	4,4	**M6 (3m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	168737	480	373
	5,2	**M6 (3m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	166812	480	
	6,2	**M5 (2m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	186013	500	
	7,0	**M5 (2m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	183216	500	
	8,1	**M5 (2m)**	18,5	11	14532	**128,81**	**VR773.1K-3E180M/4C**	178134	529	
	9,3	**M5 (2m)**	22	13	14995	**111,53**	**VR773.1K-3E180L/4D**	174599	539	
	10,7	**M5 (2m)**	30	15	17856	**97,55**	**VR773.1K-3E200L/4D**	169296	539	
	12,1	**M4 (1Am)**	30	17	15767	**85,99**	**VR773.1K-3E200L/4D**	182960	585	
	13,6	**M4 (1Am)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	182433	585	
	6,1	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	6,8	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	7,7	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	8,9	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	10,1	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	11,4	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	12,8	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	14,2	**M8 (5m)**	37	20	16686	**73,09**	**VR873.1K-3E225S/4C**	141633	1025	
	15,1	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	17,3	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	19,6	**M8 (5m)**	45	28	14711	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	22,3	**M7 (4m)**	55	32	15863	**46,82**	**VR873.1K-3E250M/4D**	152133	1180	

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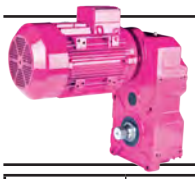

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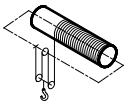

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø270	2,2	**M5 (2m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	97083	194	371
	2,4	**M5 (2m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	95485	194	
	2,9	**M5 (2m)**	7,5	14	4915	**107,18**	**VR573.1K-3E132M/4D**	91993	204	
	3,5	**M5 (2m)**	11	17	5900	**87,90**	**VR573.1K-3E160M/4C**	88253	204	
	4,0	**M5 (2m)**	11	19	5219	**77,63**	**VR573.1K-3E160M/4C**	88659	261	
	4,5	**M4 (1Am)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	96563	261	
	5,3	**M4 (1Am)**	15	25	5371	**58,36**	**VR573.1K-3E160L/4D**	93738	281	
	6,0	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	7,3	**M4 (1Am)**	18,5	35	4835	**42,62**	**VR573.1K-3E180M/4C**	92299	311	
	1,5	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	1,6	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	1,9	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	2,3	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	2,6	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	292	
	3,0	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	3,5	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	302	
	4,1	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	4,7	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	5,3	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø280	2,2	**M5 (2m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	97083	194	371
	2,5	**M5 (2m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	95485	194	
	3,0	**M5 (2m)**	7,5	14	4915	**107,18**	**VR573.1K-3E132M/4D**	91993	204	
	3,7	**M4 (1Am)**	11	17	5900	**87,90**	**VR573.1K-3E160M/4C**	97955	261	
	4,2	**M4 (1Am)**	11	19	5219	**77,63**	**VR573.1K-3E160M/4C**	97086	261	
	4,7	**M4 (1Am)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	96563	261	
	5,5	**M4 (1Am)**	15	25	5371	**58,36**	**VR573.1K-3E160L/4D**	93738	281	
	6,2	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	7,6	**M4 (1Am)**	18,5	35	4835	**42,62**	**VR573.1K-3E180M/4C**	92299	311	
	1,5	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	1,7	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	2,0	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	2,4	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	2,7	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	3,2	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	3,7	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	4,2	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	4,9	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	5,5	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø290	1,6	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	1,8	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	2,1	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	2,5	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	2,8	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	3,3	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	3,8	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	4,4	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	5,0	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	5,7	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø300	1,6	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	1,8	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	2,1	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	2,6	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	2,9	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	3,4	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	3,9	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	

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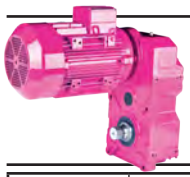
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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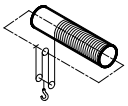

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**IE3 Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**IE3 Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**IE3 Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**IE3 Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø300	4,5	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	372
	5,2	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	110450	359	
	5,9	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø320	1,7	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	1,9	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	2,3	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	2,7	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	3,1	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	3,6	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	4,2	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	4,8	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	5,5	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	110450	379	
	6,3	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø340	1,8	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	2,1	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	2,4	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	2,9	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	3,3	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	3,8	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	4,5	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	5,2	**M8 (5m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	108017	359	
	5,9	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	6,7	**M7 (4m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	119396	379	
	5,8	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	373
	6,0	**M8 (5m)**	15	22	6046	**65,59**	**VR773.1K-3E160L/4D**	149571	500	
	6,9	**M8 (5m)**	15	26	5246	**56,82**	**VR773.1K-3E160L/4D**	148625	500	
	8,0	**M8 (5m)**	18,5	30	5621	**49,45**	**VR773.1K-3E180M/4C**	146450	529	
Ø360	1,9	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	2,2	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	2,6	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	3,1	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	3,5	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	4,1	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	4,7	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	5,5	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	6,2	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	7,1	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	117744	379	
	5,4	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	373
	6,1	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	
	6,3	**M8 (5m)**	15	22	6046	**65,59**	**VR773.1K-3E160L/4D**	149571	500	
	7,3	**M8 (5m)**	18,5	26	6470	**56,82**	**VR773.1K-3E180M/4C**	147306	529	
	8,4	**M8 (5m)**	18,5	30	5621	**49,45**	**VR773.1K-3E180M/4C**	146450	529	
Ø380	2,0	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	2,3	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	2,7	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	3,2	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	3,6	**M8 (5m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	101611	359	
	4,3	**M7 (4m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	114895	359	
	5,0	**M7 (4m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	116815	359	
	5,8	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	6,6	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	7,5	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	117744	408	

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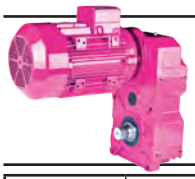

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø380	4,5	**M8 (5m)**	11	15	6569	**97,55**	**VR773.1K-3E160M/4C**	144234	480	373
	5,1	**M8 (5m)**	11	17	5801	**85,99**	**VR773.1K-3E160M/4C**	147036	480	
	5,7	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	6,4	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	
	6,7	**M8 (5m)**	15	22	6046	**65,59**	**VR773.1K-3E160L/4D**	149571	500	
	7,7	**M8 (5m)**	18,5	26	6470	**56,82**	**VR773.1K-3E180M/4C**	147306	529	
	8,9	**M8 (5m)**	22	30	6684	**49,45**	**VR773.1K-3E180L/4D**	145304	539	

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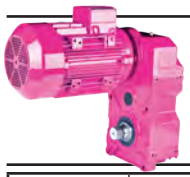

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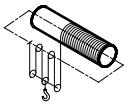

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø230	1,2	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	177	371
	1,4	**M8 (5m)**	4,0	12	3104	**126,81**	**VR573.1K-3E112M/4D**	64601	184	
	1,6	**M7 (4m)**	4,0	14	2630	**107,18**	**VR573.1K-3E112M/4D**	76281	184	
	2,0	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	2,3	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	2,6	**M7 (4m)**	7,5	21	3179	**69,00**	**VR573.1K-3E132M/4D**	78317	194	
	3,0	**M7 (4m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	79554	204	
	3,4	**M6 (3m)**	7,5	28	2403	**51,97**	**VR573.1K-3E132M/4D**	86002	204	
	4,2	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	4,7	**M6 (3m)**	11	39	2552	**37,64**	**VR573.1K-3E160M/4C**	85573	261	
	5,3	**M6 (3m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	84896	281	
	6,3	**M5 (2m)**	15	52	2626	**28,30**	**VR573.1K-3E160L/4D**	89706	281	
	1,7	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	372
	2,0	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	2,3	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	292	
	2,6	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	3,0	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø240	1,1	**M8 (5m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	54212	177	371
	1,3	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	177	
	1,4	**M8 (5m)**	4,0	12	3104	**126,81**	**VR573.1K-3E112M/4D**	64601	184	
	1,7	**M7 (4m)**	4,0	14	2630	**107,18**	**VR573.1K-3E112M/4D**	76281	184	
	2,1	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	2,4	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	2,7	**M7 (4m)**	7,5	21	3179	**69,00**	**VR573.1K-3E132M/4D**	78317	204	
	3,2	**M6 (3m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	85242	204	
	3,5	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	4,3	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	4,9	**M6 (3m)**	11	39	2552	**37,64**	**VR573.1K-3E160M/4C**	85573	261	
	5,5	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	6,5	**M5 (2m)**	15	52	2626	**28,30**	**VR573.1K-3E160L/4D**	89706	281	
	1,8	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	372
	2,1	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	2,4	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	292	
	2,8	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	3,1	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø250	1,2	**M8 (5m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	54212	177	371
	1,3	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	177	
	1,5	**M7 (4m)**	4,0	12	3104	**126,81**	**VR573.1K-3E112M/4D**	74153	184	
	1,8	**M7 (4m)**	4,0	14	2630	**107,18**	**VR573.1K-3E112M/4D**	76281	184	
	2,2	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	2,5	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	2,8	**M6 (3m)**	7,5	21	3179	**69,00**	**VR573.1K-3E132M/4D**	84603	204	
	3,3	**M6 (3m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	85242	204	
	3,7	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	4,5	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	5,1	**M5 (2m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	261	
	5,7	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	6,8	**M5 (2m)**	15	52	2626	**28,30**	**VR573.1K-3E160L/4D**	89706	281	
	1,4	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	372
	1,6	**M8 (5m)**	5,5	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108391	282	
	1,9	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	2,2	**M8 (5m)**	7,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	2,5	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	2,9	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	3,3	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	

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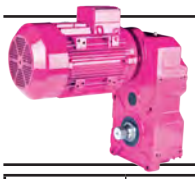

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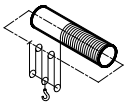

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø260	1,2	**M8 (5m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	54212	177	371
	1,4	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	1,6	**M7 (4m)**	4,0	12	3104	**126,81**	**VR573.1K-3E112M/4D**	74153	184	
	1,9	**M7 (4m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	2,3	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	2,6	**M6 (3m)**	7,5	19	3583	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	2,9	**M6 (3m)**	7,5	21	3179	**69,00**	**VR573.1K-3E132M/4D**	84603	204	
	3,4	**M6 (3m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	85242	204	
	3,8	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	4,7	**M5 (2m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	90015	261	
	5,3	**M5 (2m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	281	
	6,0	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	7,1	**M5 (2m)**	18,5	52	3239	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	1,5	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	372
	1,7	**M8 (5m)**	4,0	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108391	282	
	1,9	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	2,3	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	2,6	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	3,0	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	3,4	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø270	1,3	**M7 (4m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	67713	177	371
	1,4	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	1,6	**M7 (4m)**	4,0	12	3104	**126,81**	**VR573.1K-3E112M/4D**	74153	184	
	1,9	**M7 (4m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	2,3	**M6 (3m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	84262	194	
	2,7	**M6 (3m)**	7,5	19	3583	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	3,0	**M6 (3m)**	7,5	21	3179	**69,00**	**VR573.1K-3E132M/4D**	84603	204	
	3,5	**M6 (3m)**	11	25	3952	**58,36**	**VR573.1K-3E160M/4C**	83203	261	
	4,0	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	4,9	**M5 (2m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	90015	261	
	5,5	**M5 (2m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	281	
	6,2	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	7,3	**M5 (2m)**	18,5	52	3239	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	1,0	**M8 (5m)**	2,2	6,8	2876	**213,15**	**VR673.1K-3E100L/4C**	89277	272	372
	1,1	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	1,3	**M8 (5m)**	3,0	9,0	2987	**161,66**	**VR673.1K-3E100L/4D**	102235	275	
	1,5	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	1,7	**M8 (5m)**	4,0	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108391	282	
	2,0	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	2,4	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	2,7	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	3,1	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	3,5	**M8 (5m)**	11	25	3965	**58,54**	**VR673.1K-3E160M/4C**	114463	359	
Ø280	1,3	**M7 (4m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	67713	177	371
	1,5	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	1,7	**M7 (4m)**	4,0	12	3104	**126,81**	**VR573.1K-3E112M/4D**	74153	184	
	2,0	**M7 (4m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	2,4	**M6 (3m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	84262	194	
	2,8	**M6 (3m)**	7,5	19	3583	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	3,1	**M6 (3m)**	7,5	21	3179	**69,00**	**VR573.1K-3E132M/4D**	84603	204	
	3,7	**M6 (3m)**	11	25	3952	**58,36**	**VR573.1K-3E160M/4C**	83203	261	
	4,1	**M5 (2m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	89855	261	
	5,1	**M5 (2m)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	88313	261	
	5,7	**M5 (2m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	281	
	6,4	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	7,6	**M5 (2m)**	18,5	52	3239	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	1,0	**M8 (5m)**	2,2	6,8	2876	**213,15**	**VR673.1K-3E100L/4C**	89277	272	372

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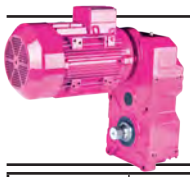

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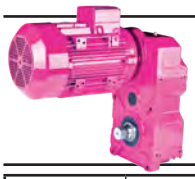
Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø280	1,1	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	372
	1,3	**M8 (5m)**	3,0	9,0	2987	**161,66**	**VR673.1K-3E100L/4D**	102235	275	
	1,6	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	1,8	**M8 (5m)**	4,0	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108391	282	
	2,1	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	2,4	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	2,8	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	3,2	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	3,7	**M8 (5m)**	11	25	3965	**58,54**	**VR673.1K-3E160M/4C**	114463	359	
Ø290	1,3	**M7 (4m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	67713	177	371
	1,5	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	1,7	**M7 (4m)**	4,0	12	3104	**126,81**	**VR573.1K-3E112M/4D**	74153	184	
	2,1	**M6 (3m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	2,5	**M6 (3m)**	7,5	17	4050	**87,90**	**VR573.1K-3E132M/4D**	82510	194	
	2,9	**M6 (3m)**	7,5	19	3583	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	3,2	**M6 (3m)**	7,5	21	3179	**69,00**	**VR573.1K-3E132M/4D**	84603	204	
	3,8	**M6 (3m)**	11	25	3952	**58,36**	**VR573.1K-3E160M/4C**	83203	261	
	4,3	**M5 (2m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	89855	261	
	5,2	**M5 (2m)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	88313	281	
	5,9	**M5 (2m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	281	
	6,7	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	7,9	**M4 (1Am)**	18,5	52	3239	**28,30**	**VR573.1K-3E180M/4C**	93058	311	
	1,0	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	1,2	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	1,4	**M8 (5m)**	4,0	9,0	3983	**161,66**	**VR673.1K-3E112M/4D**	100927	275	
	1,6	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	1,8	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	2,2	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	2,5	**M8 (5m)**	7,5	17	4046	**87,77**	**VR673.1K-3E132M/4D**	110508	292	
	2,9	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	3,3	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	3,8	**M8 (5m)**	11	25	3965	**58,54**	**VR673.1K-3E160M/4C**	114463	359	
Ø300	1,6	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	371
	1,8	**M7 (4m)**	4,0	12	3104	**126,81**	**VR573.1K-3E112M/4D**	74153	184	
	2,1	**M6 (3m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	2,6	**M6 (3m)**	7,5	17	4050	**87,90**	**VR573.1K-3E132M/4D**	82510	204	
	3,0	**M6 (3m)**	7,5	19	3583	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	3,3	**M6 (3m)**	7,5	21	3179	**69,00**	**VR573.1K-3E132M/4D**	84603	204	
	3,9	**M5 (2m)**	11	25	3952	**58,36**	**VR573.1K-3E160M/4C**	89422	261	
	4,4	**M5 (2m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	89855	261	
	5,4	**M5 (2m)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	88313	281	
	6,1	**M5 (2m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	281	
	6,9	**M5 (2m)**	18,5	44	3821	**33,46**	**VR573.1K-3E180M/4C**	88180	281	
	8,2	**M4 (1Am)**	18,5	52	3239	**28,30**	**VR573.1K-3E180M/4C**	93058	311	
	1,1	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	1,2	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	1,4	**M8 (5m)**	4,0	9,0	3983	**161,66**	**VR673.1K-3E112M/4D**	100927	282	
	1,7	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	1,9	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	2,2	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	2,6	**M8 (5m)**	7,5	17	4046	**87,77**	**VR673.1K-3E132M/4D**	110508	302	
	3,0	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	3,5	**M8 (5m)**	11	22	4504	**66,59**	**VR673.1K-3E160M/4C**	112610	302	
	3,9	**M8 (5m)**	11	25	3965	**58,54**	**VR673.1K-3E160M/4C**	114463	359	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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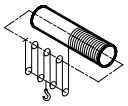

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	0,7	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	370
	0,8	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,0	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	1,0	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	
	1,2	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	1,4	**M6 (3m)**	4,0	21	1736	**70,59**	**VR473.1K-3E112M/4D**	50876	114	
	1,6	**M6 (3m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	51364	114	
	1,8	**M6 (3m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	51795	114	
	2,1	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	2,3	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	2,9	**M5 (2m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	52780	134	
	3,4	**M5 (2m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	53215	134	
	0,6	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	0,7	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	0,8	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	0,9	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	1,1	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,2	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	1,4	**M8 (5m)**	4,0	21	1701	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	1,7	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76226	184	
	1,9	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	2,3	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	2,6	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	2,9	**M8 (5m)**	7,5	44	1554	**33,46**	**VR573.1K-3E132M/4D**	79263	204	
	3,5	**M8 (5m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79050	261	
Ø180	0,7	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	370
	0,8	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,0	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	46330	107	
	1,1	**M6 (3m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	50784	107	
	1,3	**M6 (3m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	51728	107	
	1,5	**M6 (3m)**	4,0	21	1736	**70,59**	**VR473.1K-3E112M/4D**	50876	114	
	1,7	**M6 (3m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	51364	114	
	1,9	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	50368	124	
	2,2	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	2,5	**M5 (2m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	53672	124	
	3,0	**M5 (2m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	52780	134	
	3,6	**M5 (2m)**	11	51	1942	**28,45**	**VR473.1K-3E160M/4C**	51463	191	
	0,6	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	0,7	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	0,8	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,0	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	1,2	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,3	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	1,5	**M8 (5m)**	4,0	21	1701	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	1,8	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76226	184	
	2,0	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	2,4	**M8 (5m)**	5,5	34	1452	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	2,7	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	3,1	**M8 (5m)**	7,5	44	1554	**33,46**	**VR573.1K-3E132M/4D**	79263	204	
	3,7	**M8 (5m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79050	261	
Ø190	0,8	**M4 (1Am)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	62680	105	370
	0,9	**M4 (1Am)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	61509	105	
	1,1	**M4 (1Am)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	59115	107	
	1,1	**M4 (1Am)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	58800	107	
	1,3	**M4 (1Am)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	58390	107	
	0,7	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	371
	0,8	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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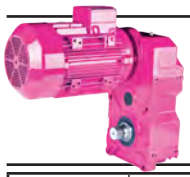
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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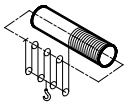

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	0,9	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	371
	1,0	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	1,2	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,4	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	1,6	**M8 (5m)**	4,0	21	1701	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	1,9	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	2,1	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	2,6	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	2,9	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	3,3	**M8 (5m)**	7,5	44	1554	**33,46**	**VR573.1K-3E132M/4D**	79263	204	
	3,9	**M8 (5m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79050	261	
Ø200	0,7	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	371
	0,8	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	0,9	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,1	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	1,3	**M8 (5m)**	3,0	16	1631	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,5	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	1,7	**M8 (5m)**	4,0	21	1701	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	2,0	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	2,2	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	2,7	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	3,1	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	3,4	**M8 (5m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	4,1	**M8 (5m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79050	261	
Ø210	0,7	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	371
	0,8	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	0,9	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,1	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	1,4	**M8 (5m)**	4,0	16	2175	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	1,5	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	1,7	**M8 (5m)**	4,0	21	1701	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	2,1	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	2,3	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	2,8	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	3,2	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	3,6	**M8 (5m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	4,3	**M8 (5m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79050	261	
Ø220	0,8	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	371
	0,9	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,0	**M8 (5m)**	3,0	11	2344	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	1,2	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	1,4	**M8 (5m)**	4,0	16	2175	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	1,6	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	1,8	**M8 (5m)**	5,5	21	2339	**69,00**	**VR573.1K-3E132S/4C**	73797	194	
	2,2	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	2,4	**M8 (5m)**	5,5	28	1768	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	3,0	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	3,4	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	3,8	**M8 (5m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	4,5	**M8 (5m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79050	261	
Ø230	0,8	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	371
	0,9	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,0	**M8 (5m)**	3,0	11	2344	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	1,2	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	1,5	**M8 (5m)**	4,0	16	2175	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	1,7	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	1,9	**M8 (5m)**	5,5	21	2339	**69,00**	**VR573.1K-3E132S/4C**	73797	194	
	2,3	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	2,5	**M8 (5m)**	7,5	28	2411	**51,97**	**VR573.1K-3E132M/4D**	75826	204	

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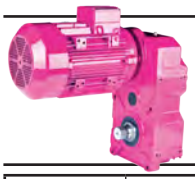

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø230	3,1	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	371
	3,5	**M8 (5m)**	11	39	2561	**37,64**	**VR573.1K-3E160M/4C**	76862	261	
	4,0	**M8 (5m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	4,7	**M8 (5m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79050	261	
Ø240	0,8	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	371
	1,0	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,1	**M8 (5m)**	3,0	11	2344	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	1,3	**M8 (5m)**	3,0	14	1986	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	1,6	**M8 (5m)**	4,0	16	2175	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	1,8	**M8 (5m)**	4,0	19	1924	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	2,0	**M8 (5m)**	5,5	21	2339	**69,00**	**VR573.1K-3E132S/4C**	73797	194	
	2,4	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	2,6	**M8 (5m)**	7,5	28	2411	**51,97**	**VR573.1K-3E132M/4D**	75826	204	
	3,2	**M8 (5m)**	7,5	34	1980	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	3,7	**M8 (5m)**	11	39	2561	**37,64**	**VR573.1K-3E160M/4C**	76862	261	
	4,1	**M8 (5m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	4,9	**M8 (5m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79050	261	

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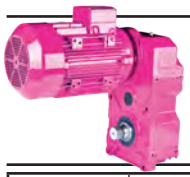

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø340	4,6	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	5,1	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	5,9	**M8 (5m)**	18,5	11	15152	**134,22**	**VR873.1K-3E180M/4C**	123557	875	
	6,7	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	7,6	**M8 (5m)**	22	14	13895	**102,78**	**VR873.1K-3E180L/4D**	134685	890	
	8,6	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	9,7	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	10,8	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	11,4	**M8 (5m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	13,1	**M8 (5m)**	37	25	13710	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	14,9	**M8 (5m)**	45	28	14691	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	16,9	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152132	1180	
Ø360	4,9	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	5,4	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	6,2	**M8 (5m)**	18,5	11	15152	**134,22**	**VR873.1K-3E180M/4C**	123557	875	
	7,1	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	8,1	**M8 (5m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	9,1	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	10,2	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	11,4	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	12,1	**M8 (5m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	13,8	**M8 (5m)**	45	25	16675	**60,33**	**VR873.1K-3E225M/4D**	145819	1065	
	15,7	**M7 (4m)**	45	28	14691	**53,03**	**VR873.1K-3E225M/4D**	154749	1065	
	17,9	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152132	1180	
Ø380	5,1	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	5,7	**M8 (5m)**	18,5	9,6	14046	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	6,6	**M8 (5m)**	18,5	11	15152	**134,22**	**VR873.1K-3E180M/4C**	123557	875	
	7,5	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	8,5	**M8 (5m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	9,7	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	10,8	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	12,0	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	12,8	**M8 (5m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	14,6	**M7 (4m)**	45	25	16675	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	16,6	**M7 (4m)**	55	28	14691	**53,03**	**VR873.1K-3E250M/4D**	152151	1180	
	18,9	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152132	1180	
Ø400	5,4	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	6,0	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	6,9	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	7,9	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	9,0	**M8 (5m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	10,2	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	11,4	**M8 (5m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	137584	1025	
	12,7	**M7 (4m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	152246	1025	
	13,5	**M7 (4m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	155040	1025	
	15,4	**M7 (4m)**	45	25	16675	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	17,5	**M7 (4m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	152151	1180	
	19,9	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152132	1180	
Ø420	5,7	**M8 (5m)**	18,5	8,6	15632	**170,32**	**VR873.1K-3E180M/4C**	99619	875	374
	6,3	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	7,2	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	8,3	**M8 (5m)**	30	13	15770	**116,84**	**VR873.1K-3E200L/4D**	124193	965	
	9,4	**M8 (5m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	10,7	**M7 (4m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	148742	965	
	11,9	**M7 (4m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	13,3	**M7 (4m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	152246	1025	
	14,1	**M7 (4m)**	45	21	15658	**69,01**	**VR873.1K-3E225M/4D**	152342	1065	
	16,2	**M7 (4m)**	45	25	16675	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	18,4	**M7 (4m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	152151	1180	

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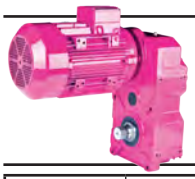

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø420	20,9	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-3G280S/4**	156853	1310	374
Ø440	6,0	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	374
	6,6	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	7,6	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	8,7	**M8 (5m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	124193	965	
	9,9	**M7 (4m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	144946	965	
	11,2	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	12,5	**M7 (4m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	13,9	**M7 (4m)**	45	20	20225	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	14,8	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	16,9	**M7 (4m)**	55	25	20380	**60,33**	**VR873.1K-3E250M/4D**	151961	1180	
	19,2	**M6 (3m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	161552	1180	
	21,9	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-3G280S/4**	156857	1310	
Ø460	6,2	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	374
	6,9	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	7,9	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	9,1	**M7 (4m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	140352	965	
	10,3	**M7 (4m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	144946	965	
	11,7	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	13,1	**M7 (4m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	14,6	**M7 (4m)**	45	20	20225	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	15,5	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	17,7	**M6 (3m)**	55	25	20380	**60,33**	**VR873.1K-3E250M/4D**	161460	1180	
	20,1	**M6 (3m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	161552	1180	
	22,9	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-3G280S/4**	156857	1310	
Ø480	6,5	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	374
	7,2	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	8,3	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	9,5	**M7 (4m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	140352	965	
	10,8	**M7 (4m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	144946	965	
	12,2	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	13,7	**M7 (4m)**	45	18	22497	**81,40**	**VR873.1K-3E225M/4D**	146004	1065	
	15,2	**M6 (3m)**	45	20	20225	**73,09**	**VR873.1K-3E225M/4D**	160601	1065	
	16,1	**M6 (3m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	162663	1065	
	18,5	**M6 (3m)**	55	25	20380	**60,33**	**VR873.1K-3E250M/4D**	161460	1180	
	21,0	**M6 (3m)**	75	28	24484	**53,03**	**VR873.1K-3G280S/4**	156353	1310	
	23,9	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-3G280S/4**	156857	1310	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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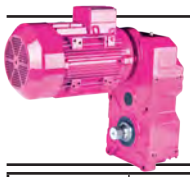
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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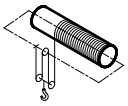

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø280	1,5	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	1,7	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	2,0	**M8 (5m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	96243	302	
	2,4	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100847	302	
	2,7	**M8 (5m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	101595	359	
	3,2	**M8 (5m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	105095	359	
	3,7	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	4,2	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	4,9	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	5,5	**M7 (4m)**	18,5	25	6623	**58,54**	**VR673.1K-3E180M/4C**	117739	408	
	4,2	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	373
	4,8	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	
	4,9	**M8 (5m)**	15	22	6046	**65,59**	**VR773.1K-3E160L/4D**	149571	500	
	5,7	**M8 (5m)**	18,5	26	6448	**56,82**	**VR773.1K-3E180M/4C**	147287	529	
	6,6	**M8 (5m)**	18,5	30	5621	**49,45**	**VR773.1K-3E180M/4C**	146450	529	
Ø300	1,6	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	1,8	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	2,1	**M8 (5m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	96243	302	
	2,6	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100847	302	
	2,9	**M8 (5m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	101595	359	
	3,4	**M7 (4m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	114875	359	
	3,9	**M7 (4m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	116815	359	
	4,5	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	5,2	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	5,9	**M7 (4m)**	18,5	25	6623	**58,54**	**VR673.1K-3E180M/4C**	117739	408	
	3,5	**M8 (5m)**	11	15	6569	**97,55**	**VR773.1K-3E160M/4C**	144234	480	373
	4,0	**M8 (5m)**	11	17	5801	**85,99**	**VR773.1K-3E160M/4C**	147036	480	
	4,5	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	5,1	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	
	5,3	**M8 (5m)**	15	22	6046	**65,59**	**VR773.1K-3E160L/4D**	149571	500	
	6,1	**M8 (5m)**	18,5	26	6448	**56,82**	**VR773.1K-3E180M/4C**	147287	529	
	7,0	**M8 (5m)**	22	30	6684	**49,45**	**VR773.1K-3E180L/4D**	145304	539	
Ø320	1,7	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	1,9	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	2,3	**M8 (5m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	96243	302	
	2,7	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	3,1	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	3,6	**M7 (4m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	114875	359	
	4,2	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	113998	379	
	4,8	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	5,5	**M7 (4m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	115961	408	
	6,3	**M6 (3m)**	18,5	25	6623	**58,54**	**VR673.1K-3E180M/4C**	124880	408	
	2,5	**M8 (5m)**	7,5	9,8	6839	**148,95**	**VR773.1K-3E132M/4D**	135735	423	373
	2,9	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	3,3	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	3,8	**M8 (5m)**	11	15	6569	**97,55**	**VR773.1K-3E160M/4C**	144234	480	
	4,3	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	4,8	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	5,4	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	
	5,6	**M8 (5m)**	18,5	22	7456	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	6,5	**M8 (5m)**	18,5	26	6448	**56,82**	**VR773.1K-3E180M/4C**	147287	529	
	7,5	**M8 (5m)**	22	30	6684	**49,45**	**VR773.1K-3E180L/4D**	145304	539	
Ø340	1,8	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	2,1	**M8 (5m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	89848	302	
	2,4	**M7 (4m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	110778	302	

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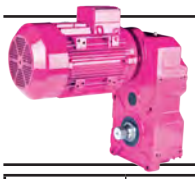
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø340	2,9	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	372
	3,3	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	3,8	**M7 (4m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	114875	359	
	4,5	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	113998	379	
	5,2	**M6 (3m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	124542	379	
	5,9	**M6 (3m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	123716	408	
	6,7	**M6 (3m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	123233	418	
	2,3	**M8 (5m)**	7,5	8,8	7659	**166,50**	**VR773.1K-3E132M/4D**	129558	423	373
	2,6	**M8 (5m)**	7,5	9,8	6839	**148,95**	**VR773.1K-3E132M/4D**	135735	423	
	3,0	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	3,5	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	4,0	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	480	
	4,6	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	5,1	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	5,8	**M8 (5m)**	18,5	22	7739	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	6,0	**M8 (5m)**	18,5	22	7456	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	6,9	**M8 (5m)**	22	26	7668	**56,82**	**VR773.1K-3E180L/4D**	145972	529	
	8,0	**M8 (5m)**	22	30	6684	**49,45**	**VR773.1K-3E180L/4D**	145304	539	
Ø360	1,9	**M7 (4m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	104696	292	372
	2,2	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	2,6	**M7 (4m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	110778	302	
	3,1	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	3,5	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	4,1	**M7 (4m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	111606	379	
	4,7	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	5,5	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	6,2	**M6 (3m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	123716	408	
	7,1	**M6 (3m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	123233	418	
	1,8	**M8 (5m)**	5,5	6,2	7860	**233,77**	**VR773.1K-3E132S/4C**	114944	413	373
	2,1	**M8 (5m)**	7,5	7,3	9196	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	2,5	**M8 (5m)**	7,5	8,8	7659	**166,50**	**VR773.1K-3E132M/4D**	129558	423	
	2,8	**M8 (5m)**	11	9,8	10031	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	3,2	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	3,7	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	4,3	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	4,8	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	5,4	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	6,1	**M8 (5m)**	18,5	22	7739	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	6,3	**M8 (5m)**	18,5	22	7456	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	7,3	**M8 (5m)**	22	26	7668	**56,82**	**VR773.1K-3E180L/4D**	145972	539	
	8,4	**M8 (5m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø380	2,0	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	372
	2,3	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	2,7	**M7 (4m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	110778	359	
	3,2	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	3,7	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	4,3	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	5,0	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	5,8	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	6,6	**M6 (3m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	123716	408	
	7,5	**M6 (3m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	123233	418	
	1,9	**M8 (5m)**	5,5	6,2	7860	**233,77**	**VR773.1K-3E132S/4C**	114944	413	373
	2,2	**M8 (5m)**	7,5	7,3	9196	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	2,6	**M8 (5m)**	7,5	8,8	7659	**166,50**	**VR773.1K-3E132M/4D**	129558	423	
	2,9	**M8 (5m)**	11	9,8	10031	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	3,4	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	3,9	**M8 (5m)**	11	13	7872	**111,53**	**VR773.1K-160M/4-L20**	141435	480	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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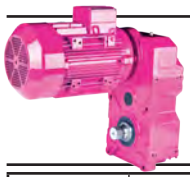
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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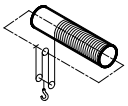

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø380	4,5	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	373
	5,1	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	5,7	**M8 (5m)**	18,5	19	8668	**76,29**	**VR773.1K-3E180M/4C**	145676	529	
	6,4	**M8 (5m)**	18,5	22	7739	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	6,7	**M8 (5m)**	18,5	22	7456	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	7,7	**M8 (5m)**	22	26	7668	**56,82**	**VR773.1K-3E180L/4D**	145972	539	
	8,9	**M8 (5m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø400	2,2	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	372
	2,4	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	2,8	**M7 (4m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	106246	359	
	3,4	**M6 (3m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	123236	359	
	3,9	**M6 (3m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	124506	359	
	4,5	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	5,3	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	6,1	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	6,9	**M5 (2m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	130270	418	
	7,9	**M5 (2m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	130958	418	
	2,0	**M8 (5m)**	5,5	6,2	7860	**233,77**	**VR773.1K-3E132S/4C**	114944	413	373
	2,3	**M8 (5m)**	7,5	7,3	9196	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	2,8	**M8 (5m)**	11	8,8	11233	**166,50**	**VR773.1K-3E160M/4C**	125704	480	
	3,1	**M8 (5m)**	11	9,8	10031	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	3,6	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	4,1	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	4,7	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	5,4	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	6,1	**M8 (5m)**	18,5	19	8668	**76,29**	**VR773.1K-3E180M/4C**	145676	529	
	6,8	**M8 (5m)**	22	22	9203	**68,02**	**VR773.1K-3E180L/4D**	146628	529	
	7,0	**M8 (5m)**	22	22	8867	**65,59**	**VR773.1K-3E180L/4D**	146529	539	
	8,2	**M8 (5m)**	30	26	10457	**56,82**	**VR773.1K-3E200L/4D**	142965	539	
	9,4	**M8 (5m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø420	2,3	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	372
	2,5	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	3,0	**M6 (3m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	3,6	**M6 (3m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	123236	359	
	4,0	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	120668	379	
	4,7	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	5,5	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	120914	408	
	6,4	**M5 (2m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	131680	408	
	7,3	**M5 (2m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	130270	418	
	2,1	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	2,4	**M8 (5m)**	7,5	7,3	9196	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	2,9	**M8 (5m)**	11	8,8	11233	**166,50**	**VR773.1K-3E160M/4C**	125704	480	
	3,2	**M8 (5m)**	11	9,8	10031	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	3,7	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	4,3	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	5,0	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	5,6	**M8 (5m)**	18,5	17	9756	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	6,4	**M8 (5m)**	18,5	19	8668	**76,29**	**VR773.1K-3E180M/4C**	145676	529	
	7,1	**M8 (5m)**	22	22	9203	**68,02**	**VR773.1K-3E180L/4D**	146628	539	
	7,4	**M8 (5m)**	22	22	8867	**65,59**	**VR773.1K-3E180L/4D**	146529	539	
	8,6	**M8 (5m)**	30	26	10457	**56,82**	**VR773.1K-3E200L/4D**	142965	585	
	9,8	**M7 (4m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	151398	585	

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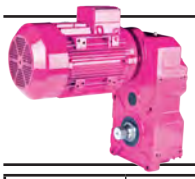

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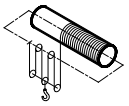

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø270	1,4	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371
	1,6	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	1,9	**M6 (3m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	2,4	**M5 (2m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	2,7	**M5 (2m)**	11	19	5219	**77,63**	**VR573.1K-3E160M/4C**	88659	204	
	3,0	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	3,6	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	4,0	**M5 (2m)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	87774	261	
	4,9	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	5,5	**M4 (1Am)**	18,5	39	4277	**37,64**	**VR573.1K-3E180M/4C**	92581	311	
	6,2	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	7,3	**M4 (1Am)**	22	52	3852	**28,30**	**VR573.1K-3E180L/4D**	92064	320	
	1,0	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	1,1	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	1,3	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	1,5	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,7	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	2,0	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	2,4	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	2,7	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	302	
	3,1	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	3,5	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø280	1,5	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371
	1,7	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	2,0	**M6 (3m)**	7,5	14	4932	**107,18**	**VR573.1K-3E132M/4D**	81646	204	
	2,4	**M5 (2m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	2,8	**M5 (2m)**	11	19	5219	**77,63**	**VR573.1K-3E160M/4C**	88659	261	
	3,1	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	3,7	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	4,1	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	5,1	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	5,7	**M4 (1Am)**	18,5	39	4277	**37,64**	**VR573.1K-3E180M/4C**	92581	311	
	6,5	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	7,6	**M4 (1Am)**	22	52	3852	**28,30**	**VR573.1K-3E180L/4D**	92064	320	
	1,0	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	1,1	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	1,3	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	1,6	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,8	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	2,1	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	2,4	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	2,8	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	3,2	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	3,7	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø290	1,5	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371
	1,7	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	2,1	**M5 (2m)**	7,5	14	4932	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	2,5	**M5 (2m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	2,9	**M5 (2m)**	11	19	5219	**77,63**	**VR573.1K-3E160M/4C**	88659	261	
	3,2	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	3,8	**M4 (1Am)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	96061	261	
	4,3	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	5,2	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	5,9	**M4 (1Am)**	18,5	39	4277	**37,64**	**VR573.1K-3E180M/4C**	92581	311	
	6,7	**M4 (1Am)**	22	44	4528	**33,46**	**VR573.1K-3E180L/4D**	91686	311	

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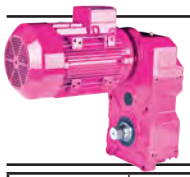

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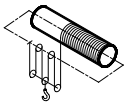

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø290	1,0	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	1,2	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	1,4	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	1,6	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,8	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	2,2	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	2,5	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	2,9	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	3,4	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	3,8	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø300	1,6	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371
	1,8	**M5 (2m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	95485	194	
	2,1	**M5 (2m)**	7,5	14	4932	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	2,6	**M5 (2m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	3,0	**M5 (2m)**	11	19	5219	**77,63**	**VR573.1K-3E160M/4C**	88659	261	
	3,3	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	4,0	**M4 (1Am)**	15	25	5371	**58,36**	**VR573.1K-3E160L/4D**	93738	261	
	4,4	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	5,4	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	6,2	**M4 (1Am)**	18,5	39	4277	**37,64**	**VR573.1K-3E180M/4C**	92581	311	
	1,1	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86185	282	372
	1,2	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	1,4	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	282	
	1,7	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,9	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	2,3	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	2,6	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	3,0	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	3,5	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	3,9	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	359	
Ø310	1,7	**M5 (2m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	97083	194	371
	1,9	**M5 (2m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	95485	194	
	2,2	**M5 (2m)**	7,5	14	4932	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	2,7	**M5 (2m)**	11	17	5920	**87,90**	**VR573.1K-3E160M/4C**	88266	204	
	3,1	**M5 (2m)**	11	19	5219	**77,63**	**VR573.1K-3E160M/4C**	88659	261	
	3,5	**M4 (1Am)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	96563	261	
	4,1	**M4 (1Am)**	15	25	5371	**58,36**	**VR573.1K-3E160L/4D**	93738	281	
	4,6	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	5,6	**M4 (1Am)**	18,5	34	4851	**42,62**	**VR573.1K-3E180M/4C**	92300	311	
	1,1	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86185	282	372
	1,2	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	1,5	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,8	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	2,0	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	2,3	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	2,7	**M8 (5m)**	11	17	5914	**87,77**	**VR673.1K-3E160M/4C**	108011	302	
	3,1	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	3,6	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	4,1	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø320	1,7	**M5 (2m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	97083	194	371
	1,9	**M5 (2m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	95485	194	
	2,3	**M5 (2m)**	7,5	14	4932	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	2,8	**M4 (1Am)**	11	17	5920	**87,90**	**VR573.1K-3E160M/4C**	97973	261	
	3,2	**M4 (1Am)**	11	19	5219	**77,63**	**VR573.1K-3E160M/4C**	97086	261	

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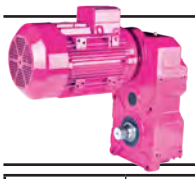
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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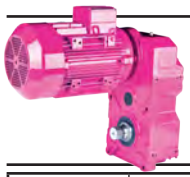
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø320	3,6	**M4 (1Am)**	11	21	5371	**69,00**	**VR573.1K-3E160L/4D**	93738	261	371
	4,2	**M4 (1Am)**	15	25	4789	**58,36**	**VR573.1K-3E160L/4D**	93802	281	
	4,7	**M4 (1Am)**	15	28	4851	**51,97**	**VR573.1K-3E180M/4C**	92300	281	
	1,1	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86185	282	372
	1,3	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	1,5	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,8	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	2,0	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	2,4	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	2,8	**M8 (5m)**	11	17	5914	**87,77**	**VR673.1K-3E160M/4C**	108011	359	
	3,2	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	3,7	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	4,2	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø330	1,2	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86185	282	372
	1,3	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	1,6	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,9	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	2,1	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	2,5	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	2,9	**M8 (5m)**	11	17	5914	**87,77**	**VR673.1K-3E160M/4C**	108011	359	
	3,3	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	3,8	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	4,3	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø340	1,2	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86185	282	372
	1,4	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	1,6	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,9	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	2,2	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	2,6	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	3,0	**M8 (5m)**	11	17	5914	**87,77**	**VR673.1K-3E160M/4C**	108011	359	
	3,4	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	3,9	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	110450	359	
	4,5	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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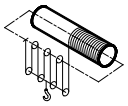

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø230	0,9	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	177	371
	1,0	**M8 (5m)**	3,0	11	2344	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	1,2	**M8 (5m)**	4,0	14	2630	**107,18**	**VR573.1K-3E112M/4D**	68017	184	
	1,5	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	1,7	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	1,9	**M7 (4m)**	5,5	21	2339	**69,00**	**VR573.1K-3E132S/4C**	79709	194	
	2,3	**M7 (4m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	79554	204	
	2,5	**M6 (3m)**	7,5	28	2403	**51,97**	**VR573.1K-3E132M/4D**	86002	204	
	3,1	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	3,5	**M6 (3m)**	11	39	2552	**37,64**	**VR573.1K-3E160M/4C**	85573	261	
	4,0	**M6 (3m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	84896	281	
	4,7	**M6 (3m)**	15	52	2626	**28,30**	**VR573.1K-3E160L/4D**	85552	281	
	1,5	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	372
	1,7	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	292	
	2,0	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	2,3	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø240	1,0	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	177	371
	1,1	**M8 (5m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	64656	184	
	1,3	**M7 (4m)**	4,0	14	2630	**107,18**	**VR573.1K-3E112M/4D**	76281	184	
	1,6	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	1,8	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	2,0	**M7 (4m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	78330	204	
	2,4	**M6 (3m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	85242	204	
	2,7	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	204	
	3,2	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	3,7	**M6 (3m)**	11	39	2552	**37,64**	**VR573.1K-3E160M/4C**	85573	261	
	4,1	**M6 (3m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	84896	281	
	4,9	**M5 (2m)**	15	52	2626	**28,30**	**VR573.1K-3E160L/4D**	89706	281	
	1,3	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	372
	1,6	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	1,8	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	292	
	2,1	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	2,4	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø250	1,0	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	177	371
	1,1	**M7 (4m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	1,3	**M7 (4m)**	4,0	14	2630	**107,18**	**VR573.1K-3E112M/4D**	76281	184	
	1,6	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	1,8	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	2,1	**M7 (4m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	78330	204	
	2,5	**M6 (3m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	85242	204	
	2,8	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	3,4	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	3,8	**M6 (3m)**	11	39	2552	**37,64**	**VR573.1K-3E160M/4C**	85573	261	
	4,3	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	5,1	**M5 (2m)**	15	52	2626	**28,30**	**VR573.1K-3E160L/4D**	89706	281	
	1,4	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	372
	1,6	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	1,9	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	292	
	2,2	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	2,5	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø260	0,9	**M8 (5m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	54212	177	371
	1,0	**M7 (4m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	72265	177	

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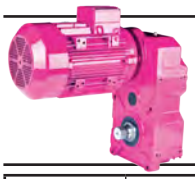

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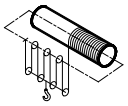

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**IE3 Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**IE3 Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**IE3 Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**IE3 Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø260	1,2	**M7 (4m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	74221	184	371
	1,4	**M7 (4m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	74681	184	
	1,7	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	1,9	**M7 (4m)**	5,5	19	2627	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	2,2	**M6 (3m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	2,6	**M6 (3m)**	7,5	25	2694	**58,36**	**VR573.1K-3E132M/4D**	85242	204	
	2,9	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	3,5	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	4,0	**M5 (2m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	281	
	4,5	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	5,3	**M5 (2m)**	18,5	52	3239	**28,30**	**VR573.1K-3E180M/4C**	88712	281	
	1,1	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	372
	1,2	**M8 (5m)**	4,0	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108391	282	
	1,5	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	1,7	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	2,0	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	2,2	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	2,6	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø270	0,9	**M7 (4m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	67713	177	371
	1,1	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	1,2	**M7 (4m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	1,4	**M7 (4m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	1,8	**M7 (4m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	2,0	**M6 (3m)**	7,5	19	3583	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	2,2	**M6 (3m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	2,7	**M6 (3m)**	11	25	3952	**58,36**	**VR573.1K-3E160M/4C**	83203	204	
	3,0	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	3,7	**M5 (2m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	90015	261	
	4,1	**M5 (2m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	281	
	4,7	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	5,5	**M5 (2m)**	18,5	52	3239	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	0,7	**M8 (5m)**	2,2	6,8	2876	**213,15**	**VR673.1K-3E100L/4C**	89277	272	372
	0,8	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	1,0	**M8 (5m)**	3,0	9,0	2987	**161,66**	**VR673.1K-3E100L/4D**	102235	275	
	1,1	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	1,3	**M8 (5m)**	4,0	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108391	282	
	1,5	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	1,8	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	2,0	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	2,3	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	2,7	**M8 (5m)**	11	25	3965	**58,54**	**VR673.1K-3E160M/4C**	114463	302	
Ø280	1,0	**M7 (4m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	67713	177	371
	1,1	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	1,3	**M7 (4m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	1,5	**M7 (4m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	1,8	**M6 (3m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	84262	194	
	2,1	**M6 (3m)**	7,5	19	3583	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	2,3	**M6 (3m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	2,8	**M6 (3m)**	11	25	3952	**58,36**	**VR573.1K-3E160M/4C**	83203	261	
	3,1	**M6 (3m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	3,8	**M5 (2m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	90015	261	
	4,3	**M5 (2m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	281	
	4,8	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	5,7	**M5 (2m)**	18,5	52	3239	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	0,7	**M8 (5m)**	2,2	6,8	2876	**213,15**	**VR673.1K-3E100L/4C**	89277	272	372
	0,8	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	1,0	**M8 (5m)**	3,0	9,0	2987	**161,66**	**VR673.1K-3E100L/4D**	102235	275	

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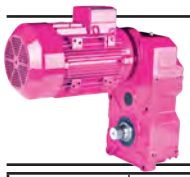
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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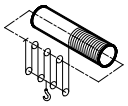

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø280	1,2	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	372
	1,3	**M8 (5m)**	4,0	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108391	282	
	1,6	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	1,8	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	2,1	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	2,4	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	2,8	**M8 (5m)**	11	25	3965	**58,54**	**VR673.1K-3E160M/4C**	114463	359	
Ø290	1,0	**M7 (4m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	67713	177	371
	1,2	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	1,3	**M7 (4m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	1,6	**M7 (4m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	1,9	**M6 (3m)**	5,5	17	2970	**87,90**	**VR573.1K-3E132S/4C**	84262	194	
	2,1	**M6 (3m)**	7,5	19	3583	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	2,4	**M6 (3m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	2,9	**M6 (3m)**	11	25	3952	**58,36**	**VR573.1K-3E160M/4C**	83203	261	
	3,2	**M5 (2m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	89855	261	
	3,9	**M5 (2m)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	88313	261	
	4,4	**M5 (2m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	281	
	5,0	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	5,9	**M5 (2m)**	18,5	52	3239	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	0,8	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	0,9	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	1,0	**M8 (5m)**	3,0	9,0	2987	**161,66**	**VR673.1K-3E100L/4D**	102235	275	
	1,2	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	1,4	**M8 (5m)**	4,0	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108391	282	
	1,6	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	1,9	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	2,2	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	2,5	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	2,8	**M8 (5m)**	11	25	3965	**58,54**	**VR673.1K-3E160M/4C**	114463	359	
Ø300	1,0	**M7 (4m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	67713	177	371
	1,2	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	1,3	**M7 (4m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	1,6	**M6 (3m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	2,0	**M6 (3m)**	7,5	17	4050	**87,90**	**VR573.1K-3E132M/4D**	82510	204	
	2,2	**M6 (3m)**	7,5	19	3583	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	2,5	**M6 (3m)**	7,5	21	3190	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	3,0	**M5 (2m)**	11	25	3952	**58,36**	**VR573.1K-3E160M/4C**	89422	261	
	3,3	**M5 (2m)**	11	28	3524	**51,97**	**VR573.1K-3E160M/4C**	89855	261	
	4,1	**M5 (2m)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	88313	281	
	4,6	**M5 (2m)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	88856	281	
	5,2	**M5 (2m)**	15	44	3098	**33,46**	**VR573.1K-3E160L/4D**	89352	281	
	6,1	**M4 (1Am)**	18,5	52	3239	**28,30**	**VR573.1K-3E180M/4C**	93058	311	
	0,8	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	0,9	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	1,1	**M8 (5m)**	4,0	9,0	3983	**161,66**	**VR673.1K-3E112M/4D**	100927	282	
	1,3	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	1,4	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	1,7	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	2,0	**M8 (5m)**	7,5	17	4046	**87,77**	**VR673.1K-3E132M/4D**	110508	302	
	2,3	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	2,6	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	2,9	**M8 (5m)**	11	25	3965	**58,54**	**VR673.1K-3E160M/4C**	114463	359	

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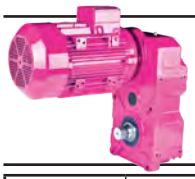

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø360	4,9	**M8 (5m)**	18,5	8,7	19214	**170,32**	**VR873.1K-3E180M/4C**	99554	875	374
	5,4	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	6,2	**M8 (5m)**	22	11	18080	**134,22**	**VR873.1K-3E180L/4D**	121311	890	
	7,1	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	8,1	**M7 (4m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	144923	965	
	9,2	**M7 (4m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	145621	1025	
	10,3	**M7 (4m)**	37	18	18460	**81,40**	**VR873.1K-3E225S/4C**	149184	1025	
	11,4	**M7 (4m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	12,1	**M7 (4m)**	45	21	19056	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	13,9	**M6 (3m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	161465	1180	
	15,8	**M6 (3m)**	55	28	17895	**53,03**	**VR873.1K-3E250M/4D**	161552	1180	
	17,9	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-3G280S/4**	156863	1310	
Ø380	5,2	**M8 (5m)**	18,5	8,7	19214	**170,32**	**VR873.1K-3E180M/4C**	99554	875	374
	5,7	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	6,5	**M7 (4m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	7,5	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	8,6	**M7 (4m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	144923	965	
	9,7	**M7 (4m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	145621	1025	
	10,8	**M7 (4m)**	37	18	18460	**81,40**	**VR873.1K-3E225S/4C**	149184	1025	
	12,1	**M7 (4m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	12,8	**M6 (3m)**	45	21	19056	**69,01**	**VR873.1K-3E225M/4D**	162663	1065	
	14,7	**M6 (3m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	161465	1180	
	16,7	**M6 (3m)**	75	28	24402	**53,03**	**VR873.1K-3G280S/4**	156370	1310	
	18,9	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-3G280S/4**	156863	1310	
Ø400	5,4	**M7 (4m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	122901	890	374
	6,0	**M7 (4m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	133124	890	
	6,9	**M7 (4m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	7,9	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	9,0	**M7 (4m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	141412	1025	
	10,2	**M7 (4m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	145621	1025	
	11,4	**M6 (3m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	158347	1065	
	12,7	**M6 (3m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	160600	1065	
	13,4	**M6 (3m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	159292	1180	
	15,4	**M6 (3m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	161465	1180	
	17,5	**M6 (3m)**	75	28	24402	**53,03**	**VR873.1K-3G280S/4**	156370	1310	
	19,9	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-3G280S/4**	156863	1310	
Ø420	5,7	**M7 (4m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	122901	890	374
	6,3	**M7 (4m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	133124	890	
	7,2	**M7 (4m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	8,3	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	9,5	**M7 (4m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	141412	1025	
	10,7	**M6 (3m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	159350	1025	
	12,0	**M6 (3m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	158347	1065	
	13,3	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	157024	1180	
	14,1	**M6 (3m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	159292	1180	
	16,2	**M6 (3m)**	75	25	27716	**60,33**	**VR873.1K-3G280S/4**	155573	1310	
	18,4	**M6 (3m)**	75	28	24402	**53,03**	**VR873.1K-3G280S/4**	156370	1310	
	20,9	**M5 (3m)**	75	32	21530	**46,82**	**VR873.1K-3G280S/4**	166925	1310	
Ø440	6,0	**M7 (4m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	122901	890	374
	6,6	**M7 (4m)**	30	9,6	28093	**152,83**	**VR873.1K-2ED180L/4D**	127139	890	
	7,6	**M7 (4m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	8,7	**M6 (3m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	158104	965	
	9,9	**M6 (3m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	156901	970	
	11,2	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	155793	1065	
	12,5	**M6 (3m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	158347	1065	
	14,0	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	157024	1180	
	14,8	**M6 (3m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	159292	1180	
	17,0	**M6 (3m)**	75	25	27716	**60,33**	**VR873.1K-3G280S/4**	155573	1310	
	19,3	**M5 (3m)**	75	28	24402	**53,03**	**VR873.1K-3G280S/4**	166537	1310	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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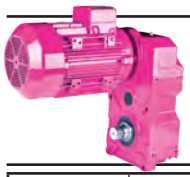
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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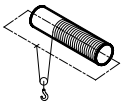

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø440	21,9	**M5 (2m)**	75	32	21530	**53,03**	**VR873.1K-3G280S/4**	166925	1310	374
Ø460	6,3	**M7 (4m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	122901	890	374
	6,9	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-2ED180L/4D**	152473	890	
	7,9	**M6 (3m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	155606	965	
	9,1	**M6 (3m)**	37	13	26432	**116,84**	**VR873.1K-2ED200L/4D**	154117	970	
	10,4	**M6 (3m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	156901	970	
	11,7	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	155793	1065	
	13,1	**M6 (3m)**	55	18	27441	**81,40**	**VR873.1K-3E250M/4D**	154368	1180	
	14,6	**M5 (2m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	169288	1180	
	15,5	**M5 (2m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	170512	1180	
	17,7	**M5 (2m)**	75	25	27716	**60,33**	**VR873.1K-3G280S/4**	165849	1310	
	20,2	**M5 (2m)**	75	28	24402	**53,03**	**VR873.1K-3G280S/4**	166537	1310	
	22,9	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-3G280M/4**	163494	1370	
Ø480	6,5	**M6 (3m)**	30	8,7	31158	**170,32**	**VR873.1K-2ED180L/4D**	148105	890	374
	7,2	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-2ED180L/4D**	152473	890	
	8,3	**M6 (3m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	155606	965	
	9,5	**M6 (3m)**	37	13	26432	**116,84**	**VR873.1K-2ED200L/4D**	154117	970	
	12,2	**M5 (2m)**	45	14	25109	**91,16**	**VR873.1K-3E225M/4D**	171049	1065	
	13,7	**M5 (2m)**	55	16	27441	**81,40**	**VR873.1K-3E250M/4D**	167962	1180	
	15,2	**M5 (2m)**	55	18	24686	**73,09**	**VR873.1K-3E250M/4D**	169288	1180	
	16,1	**M5 (2m)**	75	20	31760	**69,01**	**VR873.1K-3G280S/4**	163755	1310	
	18,5	**M5 (2m)**	75	21	27716	**60,33**	**VR873.1K-3G280S/4**	165849	1310	
	21,1	**M4 (1Am)**	75	25	24402	**53,03**	**VR873.1K-3G280S/4**	177292	1310	
	23,9	**M4 (1Am)**	90	28	25836	**46,82**	**VR873.1K-3G280M/4**	174140	1370	
Ø500	6,8	**M6 (3m)**	30	8,7	31158	**170,32**	**VR873.1K-2ED180L/4D**	148105	890	374
	7,6	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-2ED180L/4D**	152473	890	
	8,6	**M5 (2m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	179945	965	
	9,9	**M5 (2m)**	37	13	26432	**116,84**	**VR873.1K-2ED200L/4D**	174392	970	
	12,7	**M5 (2m)**	45	14	25109	**91,16**	**VR873.1K-3E225M/4D**	171049	1065	
	14,3	**M5 (2m)**	55	16	27441	**81,40**	**VR873.1K-3E250M/4D**	167962	1180	
	15,9	**M5 (2m)**	55	18	24686	**73,09**	**VR873.1K-3E250M/4D**	169288	1180	
	16,8	**M4 (1Am)**	55	20	31760	**69,01**	**VR873.1K-3E250M/4D**	182439	1180	
	19,3	**M4 (1Am)**	75	21	27716	**60,33**	**VR873.1K-3G280S/4**	176717	1310	
	21,9	**M4 (1Am)**	75	25	24402	**53,03**	**VR873.1K-3G280S/4**	177292	1310	
	24,9	**M4 (1Am)**	90	28	25836	**46,82**	**VR873.1K-3G280M/4**	174140	1370	

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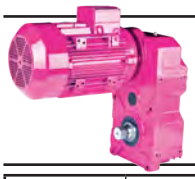

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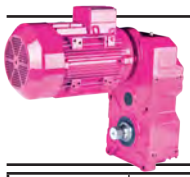
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**IE3 Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**IE3 Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**IE3 Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**IE3 Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø300	1,6	**M7 (4m)**	7,5	6,9	9705	**213,15**	**VR673.1K-3E132M/4D**	101210	302	372
	1,8	**M7 (4m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	107152	302	
	2,1	**M7 (4m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	110778	302	
	2,6	**M7 (4m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	109499	359	
	2,9	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	3,4	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	3,9	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	4,6	**M6 (3m)**	18,5	19	8590	**76,17**	**VR673.1K-3E180M/4C**	122393	408	
	5,2	**M6 (3m)**	18,5	22	7523	**66,59**	**VR673.1K-3E180M/4C**	123710	408	
	5,9	**M6 (3m)**	22	25	7903	**58,54**	**VR673.1K-3E180L/4D**	123235	418	
	1,5	**M8 (5m)**	5,5	6,2	7860	**233,77**	**VR773.1K-3E132S/4C**	114944	413	373
	1,7	**M8 (5m)**	7,5	7,3	9165	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	2,1	**M8 (5m)**	7,5	8,8	7633	**166,50**	**VR773.1K-3E132M/4D**	129498	423	
	2,3	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	2,7	**M8 (5m)**	11	11	8641	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	3,1	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	3,5	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	4,0	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	4,6	**M8 (5m)**	18,5	19	8639	**76,29**	**VR773.1K-3E180M/4C**	145661	529	
	5,1	**M8 (5m)**	18,5	22	7713	**68,02**	**VR773.1K-3E180M/4C**	148191	529	
	5,3	**M8 (5m)**	18,5	22	7431	**65,59**	**VR773.1K-3E180M/4C**	148034	529	
	6,1	**M8 (5m)**	22	26	7694	**56,82**	**VR773.1K-3E180L/4D**	145986	539	
	7,0	**M8 (5m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø320	1,7	**M7 (4m)**	7,5	6,9	9705	**213,15**	**VR673.1K-3E132M/4D**	101210	302	372
	1,9	**M7 (4m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	107152	302	
	2,3	**M7 (4m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	106246	359	
	2,7	**M6 (3m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	123203	359	
	3,1	**M6 (3m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	124506	359	
	3,6	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	4,2	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	4,9	**M6 (3m)**	18,5	19	8590	**76,17**	**VR673.1K-3E180M/4C**	122393	408	
	5,6	**M5 (2m)**	22	22	8946	**66,59**	**VR673.1K-3E180L/4D**	130268	418	
	6,3	**M5 (2m)**	22	25	7903	**58,54**	**VR673.1K-3E180L/4D**	130962	418	
	1,6	**M8 (5m)**	5,5	6,2	7860	**233,77**	**VR773.1K-3E132S/4C**	114944	413	373
	1,8	**M8 (5m)**	7,5	7,3	9165	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	2,2	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	2,5	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	2,9	**M8 (5m)**	11	11	8641	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	3,3	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	3,8	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	4,3	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	4,9	**M8 (5m)**	18,5	19	8639	**76,29**	**VR773.1K-3E180M/4C**	145661	529	
	5,4	**M8 (5m)**	22	22	9172	**68,02**	**VR773.1K-3E180L/4D**	146618	529	
	5,6	**M8 (5m)**	22	22	8837	**65,59**	**VR773.1K-3E180L/4D**	146519	539	
	6,5	**M8 (5m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	142970	539	
	7,5	**M8 (5m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø340	1,8	**M7 (4m)**	7,5	6,9	9705	**213,15**	**VR673.1K-3E132M/4D**	101210	302	372
	2,1	**M7 (4m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	107152	302	
	2,4	**M6 (3m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	2,9	**M6 (3m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	123203	359	
	3,3	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	120668	379	
	3,8	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	4,5	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	120914	408	
	5,2	**M5 (2m)**	18,5	19	8590	**76,17**	**VR673.1K-3E180M/4C**	131671	408	
	5,9	**M5 (2m)**	22	22	8946	**66,59**	**VR673.1K-3E180L/4D**	130268	418	
	6,7	**M5 (2m)**	30	25	10777	**58,54**	**VR673.1K-3E200L/4D**	127185	464	
	1,6	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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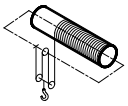

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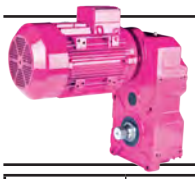
Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø340	2,0	**M8 (5m)**	7,5	7,3	9165	**200,14**	**VR773.1K-3E132M/4D**	122543	423	373
	2,3	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	2,6	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	3,0	**M8 (5m)**	11	11	8641	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	3,5	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	4,0	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	4,6	**M8 (5m)**	18,5	17	9756	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	5,2	**M8 (5m)**	18,5	19	8639	**76,29**	**VR773.1K-3E180M/4C**	145661	529	
	5,8	**M8 (5m)**	22	22	9172	**68,02**	**VR773.1K-3E180L/4D**	146618	539	
	6,0	**M8 (5m)**	22	22	8837	**65,59**	**VR773.1K-3E180L/4D**	146519	539	
	6,9	**M8 (5m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	142970	585	
	8,0	**M7 (4m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	151398	585	
Ø360	1,9	**M6 (3m)**	7,5	6,9	9705	**213,15**	**VR673.1K-3E132M/4D**	126919	302	372
	2,2	**M6 (3m)**	11	7,7	12686	**189,61**	**VR673.1K-3E160M/4C**	121919	302	
	2,6	**M6 (3m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	3,1	**M6 (3m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	123203	359	
	3,5	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	120668	379	
	4,1	**M5 (2m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	133758	379	
	4,7	**M5 (2m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	131243	408	
	5,5	**M5 (2m)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	129536	408	
	6,3	**M5 (2m)**	22	22	8946	**66,59**	**VR673.1K-3E180L/4D**	130268	418	
	7,1	**M5 (2m)**	30	25	10777	**58,54**	**VR673.1K-3E200L/4D**	127185	464	
	1,8	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	2,1	**M8 (5m)**	7,5	7,3	9165	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	2,5	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	2,8	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	3,2	**M8 (5m)**	11	11	8641	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	3,7	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	4,3	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	4,8	**M8 (5m)**	18,5	17	9756	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	5,5	**M8 (5m)**	22	19	10273	**76,29**	**VR773.1K-3E180L/4D**	143899	529	
	6,1	**M8 (5m)**	22	22	9172	**68,02**	**VR773.1K-3E180L/4D**	146618	539	
	6,4	**M8 (5m)**	22	22	8837	**65,59**	**VR773.1K-3E180L/4D**	146519	539	
	7,3	**M7 (4m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	8,4	**M7 (4m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	151398	585	
Ø380	2,1	**M6 (3m)**	7,5	6,9	9705	**213,15**	**VR673.1K-3E132M/4D**	126919	302	372
	2,3	**M6 (3m)**	11	7,7	12686	**189,61**	**VR673.1K-3E160M/4C**	121919	359	
	2,7	**M6 (3m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	3,3	**M6 (3m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4D**	118902	379	
	3,7	**M5 (2m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	134063	379	
	4,3	**M5 (2m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	133758	379	
	5,0	**M5 (2m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	131243	408	
	5,8	**M5 (2m)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	129536	418	
	6,6	**M5 (2m)**	30	22	12199	**66,59**	**VR673.1K-3E200L/4D**	125993	464	
	7,5	**M4 (1Am)**	30	25	10777	**58,54**	**VR673.1K-3E200L/4D**	135359	464	
	1,9	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	2,2	**M8 (5m)**	7,5	7,3	9165	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	2,6	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	2,9	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	3,4	**M8 (5m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	133702	500	
	3,9	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	4,5	**M8 (5m)**	18,5	15	11049	**97,55**	**VR773.1K-3E180M/4C**	139405	529	
	5,1	**M8 (5m)**	18,5	17	9756	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	5,8	**M7 (4m)**	22	19	10273	**76,29**	**VR773.1K-3E180L/4D**	153560	539	
	6,5	**M7 (4m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	151966	539	
	6,7	**M7 (4m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	7,7	**M7 (4m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	8,9	**M7 (4m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	149105	585	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø380	6,0	**M8 (5m)**	22	20	9888	**73,09**	**VR873.1K-3E180L/4D**	146980	890	374
	6,4	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	7,3	**M8 (5m)**	30	24	11177	**60,33**	**VR873.1K-3E200L/4D**	150256	965	
	8,3	**M8 (5m)**	30	28	9807	**53,03**	**VR873.1K-3E200L/4D**	149644	965	
	9,4	**M8 (5m)**	37	32	10693	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø400	2,2	**M6 (3m)**	11	6,9	14234	**213,15**	**VR673.1K-3E160M/4C**	120968	302	372
	2,4	**M6 (3m)**	11	7,7	12686	**189,61**	**VR673.1K-3E160M/4C**	121919	359	
	2,8	**M5 (2m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	141576	359	
	3,4	**M5 (2m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4D**	134529	379	
	3,9	**M5 (2m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	134063	379	
	4,5	**M5 (2m)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	130898	408	
	5,3	**M4 (1Am)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	142370	408	
	6,1	**M4 (1Am)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	139457	418	
	2,0	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	2,3	**M8 (5m)**	11	7,3	13442	**200,14**	**VR773.1K-3E160M/4C**	117932	480	
	2,8	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	3,1	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	3,6	**M8 (5m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	133702	500	
	4,1	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	4,7	**M8 (5m)**	18,5	15	11049	**97,55**	**VR773.1K-3E180M/4C**	139405	529	
	5,4	**M7 (4m)**	18,5	17	9756	**85,99**	**VR773.1K-3E180M/4C**	153284	529	
	6,1	**M7 (4m)**	22	19	10273	**76,29**	**VR773.1K-3E180L/4D**	153560	539	
	6,8	**M7 (4m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	7,1	**M7 (4m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	8,1	**M7 (4m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	9,4	**M7 (4m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	149105	621	
	5,7	**M8 (5m)**	22	18	11036	**81,40**	**VR873.1K-3E180L/4D**	143570	890	374
	6,3	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	6,7	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	7,7	**M8 (5m)**	30	24	11177	**60,33**	**VR873.1K-3E200L/4D**	150256	965	
	8,7	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	9,9	**M8 (5m)**	37	32	10693	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø420	2,3	**M5 (2m)**	11	6,9	14234	**213,15**	**VR673.1K-3E160M/4C**	153288	359	372
	2,5	**M4 (1Am)**	11	7,7	12686	**189,61**	**VR673.1K-3E160M/4C**	174215	359	
	3,0	**M4 (1Am)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	163217	359	
	3,6	**M4 (1Am)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4D**	151963	379	
	4,0	**M4 (1Am)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	148787	379	
	4,7	**M4 (1Am)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	143568	408	
	2,1	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	2,4	**M8 (5m)**	11	7,3	13442	**200,14**	**VR773.1K-3E160M/4C**	117932	480	
	2,9	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	3,3	**M8 (5m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	128335	500	
	3,8	**M8 (5m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	133702	500	
	4,3	**M7 (4m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	150802	500	
	5,0	**M7 (4m)**	18,5	15	11049	**97,55**	**VR773.1K-3E180M/4C**	150936	529	
	5,6	**M7 (4m)**	22	17	11602	**85,99**	**VR773.1K-3E180L/4D**	151295	539	
	6,4	**M7 (4m)**	22	19	10273	**76,29**	**VR773.1K-3E180L/4D**	153560	539	
	7,1	**M7 (4m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	7,4	**M7 (4m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	8,5	**M6 (3m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	160997	585	
	9,8	**M6 (3m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	158211	621	
	4,7	**M8 (5m)**	18,5	14	11684	**102,78**	**VR873.1K-3E180M/4C**	136441	875	374
	5,3	**M8 (5m)**	22	16	12342	**91,16**	**VR873.1K-3E180L/4D**	139526	890	
	6,0	**M8 (5m)**	22	18	11036	**81,40**	**VR873.1K-3E180L/4D**	143570	890	
	6,7	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	

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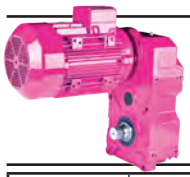
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø420	7,0	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	374
	8,0	**M8 (5m)**	30	24	11177	**60,33**	**VR873.1K-3E200L/4D**	150256	965	
	9,2	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	10,4	**M8 (5m)**	37	32	10693	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø440	2,2	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	2,5	**M8 (5m)**	11	7,3	13442	**200,14**	**VR773.1K-3E160M/4C**	117932	480	
	3,0	**M7 (4m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	144551	480	
	3,4	**M7 (4m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	144686	500	
	3,9	**M7 (4m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	148048	500	
	4,6	**M7 (4m)**	18,5	13	12609	**111,53**	**VR773.1K-3E180M/4C**	148230	529	
	5,2	**M7 (4m)**	18,5	15	11049	**97,55**	**VR773.1K-3E180M/4C**	150936	529	
	5,9	**M7 (4m)**	22	17	11602	**85,99**	**VR773.1K-3E180L/4D**	151295	539	
	6,7	**M6 (3m)**	30	19	14008	**76,29**	**VR773.1K-3E200L/4D**	159676	585	
	7,5	**M6 (3m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	161310	585	
	7,8	**M6 (3m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	161288	585	
	8,9	**M6 (3m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	160997	585	
	3,0	**M8 (5m)**	11	8,6	11503	**170,32**	**VR873.1K-3E160M/4C**	105936	800	374
	3,3	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	3,8	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4D**	125889	825	
	4,3	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	4,9	**M8 (5m)**	18,5	14	11684	**102,78**	**VR873.1K-3E180M/4C**	136441	875	
	5,6	**M8 (5m)**	22	16	12342	**91,16**	**VR873.1K-3E180L/4D**	139526	890	
	6,2	**M8 (5m)**	22	18	11036	**81,40**	**VR873.1K-3E180L/4D**	143570	890	
	7,0	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	7,4	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	8,4	**M8 (5m)**	30	24	11177	**60,33**	**VR873.1K-3E200L/4D**	150256	965	
	9,6	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	10,9	**M8 (5m)**	45	32	13006	**46,82**	**VR873.1K-3E225M/4D**	145524	1065	

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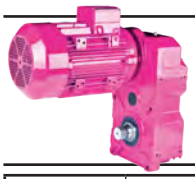

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**IE3 Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**IE3 Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**IE3 Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**IE3 Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø270	1,0	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	1,1	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	1,3	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,5	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,7	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	2,0	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	2,4	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	2,7	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	3,1	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	3,5	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
	4,2	**M8 (5m)**	15	30	4573	**49,45**	**VR773.1K-3E160L/4D**	147622	500	373
Ø280	1,0	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	1,1	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	1,3	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,6	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	1,8	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	2,1	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	2,5	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	2,8	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	3,2	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	110450	379	
	3,7	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
	4,4	**M8 (5m)**	18,5	30	5640	**49,45**	**VR773.1K-3E180M/4C**	146472	500	373
Ø290	1,0	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	1,2	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,4	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,6	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,9	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	2,2	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	2,5	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	2,9	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	3,4	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	110450	379	
	3,8	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
	4,5	**M8 (5m)**	18,5	30	5640	**49,45**	**VR773.1K-3E180M/4C**	146472	529	373
Ø300	1,1	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	1,2	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,4	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,7	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	1,9	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	2,3	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	2,6	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	3,0	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	3,5	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	110450	379	
	3,9	**M7 (4m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	119396	379	
	4,1	**M8 (5m)**	15	26	5246	**56,82**	**VR773.1K-3E160L/4D**	148625	500	373
	4,7	**M8 (5m)**	18,5	30	5640	**49,45**	**VR773.1K-3E180M/4C**	146472	529	
Ø320	1,1	**M8 (5m)**	5,5	7,7	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	1,3	**M8 (5m)**	5,5	9,0	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,5	**M8 (5m)**	5,5	11	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,8	**M8 (5m)**	7,5	12	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	2,0	**M8 (5m)**	7,5	14	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	2,4	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	359	

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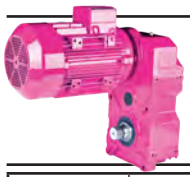

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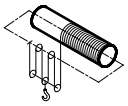

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø320	2,8	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	372
	3,2	**M8 (5m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	108017	379	
	3,7	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	4,2	**M7 (4m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	119396	379	
	3,6	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	373
	3,8	**M8 (5m)**	15	22	6046	**65,59**	**VR773.1K-3E160L/4D**	149571	500	
	4,3	**M8 (5m)**	18,5	26	6470	**56,82**	**VR773.1K-3E180M/4C**	147306	500	
	5,0	**M8 (5m)**	18,5	30	5640	**49,45**	**VR773.1K-3E180M/4C**	146472	529	
Ø340	1,2	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	1,4	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,6	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	1,9	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	2,2	**M8 (5m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	101611	359	
	2,6	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	3,0	**M7 (4m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	116815	359	
	3,4	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	3,9	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	4,5	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	117744	408	
	2,7	**M8 (5m)**	11	15	6592	**97,55**	**VR773.1K-3E160M/4C**	144265	480	373
	3,0	**M8 (5m)**	11	17	5801	**85,99**	**VR773.1K-3E160M/4C**	147036	480	
	3,4	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	3,8	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	
	4,0	**M8 (5m)**	15	22	6046	**65,59**	**VR773.1K-3E160L/4D**	149571	500	
	4,6	**M8 (5m)**	18,5	26	6470	**56,82**	**VR773.1K-3E180M/4C**	147306	529	
	5,3	**M8 (5m)**	18,5	30	5640	**49,45**	**VR773.1K-3E180M/4C**	146472	529	
Ø360	1,3	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	1,5	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,7	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	2,0	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	2,3	**M8 (5m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	101611	359	
	2,7	**M7 (4m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	114895	359	
	3,2	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	113998	359	
	3,6	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	4,2	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	4,7	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	117744	408	
	2,5	**M8 (5m)**	11	13	7523	**111,53**	**VR773.1K-3E160M/4C**	140996	480	373
	2,8	**M8 (5m)**	11	15	6592	**97,55**	**VR773.1K-3E160M/4C**	144265	480	
	3,2	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	3,6	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	4,1	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	
	4,2	**M8 (5m)**	15	22	6046	**65,59**	**VR773.1K-3E160L/4D**	149571	500	
	4,9	**M8 (5m)**	18,5	26	6470	**56,82**	**VR773.1K-3E180M/4C**	147306	529	
	5,6	**M8 (5m)**	22	30	6707	**49,45**	**VR773.1K-3E180L/4D**	145321	539	
Ø380	1,4	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	1,5	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,8	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	2,2	**M7 (4m)**	11	11	9063	**134,51**	**VR673.1K-3E160M/4C**	109549	359	
	2,4	**M7 (4m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	112605	359	
	2,9	**M7 (4m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	114895	359	
	3,3	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	113998	379	
	3,8	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	4,4	**M7 (4m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	115961	408	
	5,0	**M6 (3m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	124887	408	

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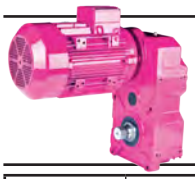

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø380	1,9	**M8 (5m)**	7,5	9,8	6862	**148,95**	**VR773.1K-3E132M/4D**	135787	423	373
	2,3	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	2,6	**M8 (5m)**	11	13	7523	**111,53**	**VR773.1K-3E160M/4C**	140996	480	
	3,0	**M8 (5m)**	11	15	6592	**97,55**	**VR773.1K-3E160M/4C**	144265	480	
	3,4	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	3,8	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	4,3	**M8 (5m)**	18,5	22	7739	**68,02**	**VR773.1K-3E180M/4C**	148206	500	
	4,5	**M8 (5m)**	18,5	22	7456	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	5,1	**M8 (5m)**	18,5	26	6470	**56,82**	**VR773.1K-3E180M/4C**	147306	529	
	5,9	**M8 (5m)**	22	30	6707	**49,45**	**VR773.1K-3E180L/4D**	145321	539	

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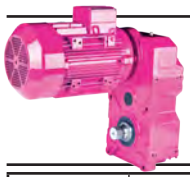

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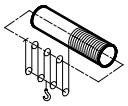

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	1,1	**M6 (3m)**	4,0	10	3501	**143,35**	**VR573.1K-3E112M/4D**	83697	184	371
	1,2	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	1,4	**M6 (3m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	1,8	**M6 (3m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	82491	204	
	2,0	**M5 (2m)**	7,5	19	3571	**77,63**	**VR573.1K-3E132M/4D**	91372	204	
	2,3	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	2,7	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	3,0	**M5 (2m)**	11	28	3512	**51,97**	**VR573.1K-3E160M/4C**	89846	261	
	3,7	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	4,1	**M4 (1Am)**	15	39	3480	**37,64**	**VR573.1K-3E160L/4D**	93900	281	
	4,7	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	5,5	**M4 (1Am)**	22	52	3852	**28,30**	**VR573.1K-3E180L/4D**	92064	320	
	0,7	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	0,8	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	1,0	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	1,2	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,3	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	1,5	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	1,8	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	2,0	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	112631	302	
	2,3	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	2,7	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø280	1,1	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	184	371
	1,3	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	1,5	**M6 (3m)**	5,5	14	3617	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	1,8	**M5 (2m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	2,1	**M5 (2m)**	7,5	19	3571	**77,63**	**VR573.1K-3E132M/4D**	91372	204	
	2,3	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	2,8	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	3,1	**M5 (2m)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	87774	261	
	3,8	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	4,3	**M4 (1Am)**	18,5	39	4292	**37,64**	**VR573.1K-3E180M/4C**	92583	281	
	4,8	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	5,7	**M4 (1Am)**	22	52	3852	**28,30**	**VR573.1K-3E180L/4D**	92064	320	
	0,7	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	0,8	**M8 (5m)**	4,0	7,6	4661	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	1,0	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	1,2	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,3	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	1,6	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	1,8	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	2,1	**M8 (5m)**	11	19	5143	**76,17**	**VR673.1K-3E160M/4C**	110481	302	
	2,4	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	2,8	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø290	1,2	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371
	1,3	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	1,6	**M6 (3m)**	7,5	14	4932	**107,18**	**VR573.1K-3E132M/4D**	81646	194	
	1,9	**M5 (2m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	2,1	**M5 (2m)**	11	19	5237	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	2,4	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	2,9	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	3,2	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	3,9	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	4,4	**M4 (1Am)**	18,5	39	4292	**37,64**	**VR573.1K-3E180M/4C**	92583	311	
	5,0	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	5,9	**M4 (1Am)**	22	52	3852	**28,30**	**VR573.1K-3E180L/4D**	92064	320	

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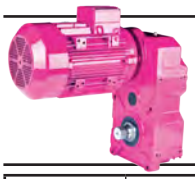

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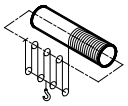

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø290	0,8	**M8 (5m)**	3,0	6,8	4062	**213,15**	**VR673.1K-100L/4b-L04**	88704	275	372
	0,9	**M8 (5m)**	4,0	7,6	4827	**189,61**	**VR673.1K-112M/4-L05**	95895	282	
	1,0	**M8 (5m)**	4,0	9,0	4125	**161,66**	**VR673.1K-112M/4-L05**	101441	282	
	1,2	**M8 (5m)**	5,5	11	4726	**134,51**	**VR673.1K-132S/4-L10**	103513	292	
	1,4	**M8 (5m)**	5,5	12	4218	**119,86**	**VR673.1K-132S/4-L10**	107358	292	
	1,6	**M8 (5m)**	7,5	14	4898	**102,10**	**VR673.1K-132M/4-L10**	108319	302	
	1,9	**M8 (5m)**	7,5	17	4220	**87,77**	**VR673.1K-132M/4-L10**	110802	302	
	2,2	**M8 (5m)**	11	19	5381	**76,17**	**VR673.1K-160M/4-L20**	110684	359	
	2,5	**M8 (5m)**	11	22	4713	**66,59**	**VR673.1K-160M/4-L20**	112811	359	
	2,9	**M8 (5m)**	11	25	4149	**58,54**	**VR673.1K-160M/4-L20**	114662	359	
Ø300	1,2	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371
	1,4	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	1,6	**M5 (2m)**	7,5	14	4932	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	2,0	**M5 (2m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	2,2	**M5 (2m)**	11	19	5237	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	2,5	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	3,0	**M5 (2m)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	3,3	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	4,1	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	4,6	**M4 (1Am)**	18,5	39	4292	**37,64**	**VR573.1K-3E180M/4C**	92583	311	
	5,2	**M4 (1Am)**	18,5	44	3808	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	0,8	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	372
	0,9	**M8 (5m)**	4,0	7,6	4661	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	1,1	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	1,3	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,4	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	1,7	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	2,0	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	2,3	**M8 (5m)**	11	19	5143	**76,17**	**VR673.1K-3E160M/4C**	110481	359	
	2,6	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	3,0	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø310	1,2	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371
	1,4	**M6 (3m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	1,7	**M5 (2m)**	7,5	14	4932	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	2,0	**M5 (2m)**	7,5	17	4036	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	2,3	**M5 (2m)**	11	19	5237	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	2,6	**M5 (2m)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	3,1	**M4 (1Am)**	11	25	3938	**58,36**	**VR573.1K-3E160M/4C**	96061	261	
	3,4	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	4,2	**M4 (1Am)**	15	34	3933	**42,62**	**VR573.1K-3E160L/4D**	93789	281	
	4,8	**M4 (1Am)**	18,5	39	4292	**37,64**	**VR573.1K-3E180M/4C**	92583	311	
	5,4	**M4 (1Am)**	22	44	4528	**33,46**	**VR573.1K-3E180L/4D**	91686	320	
	0,8	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86185	275	372
	0,9	**M8 (5m)**	4,0	7,6	4661	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	1,1	**M8 (5m)**	4,00	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	1,3	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,5	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	1,7	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	2,0	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	2,3	**M8 (5m)**	11	19	5143	**76,17**	**VR673.1K-3E160M/4C**	110481	359	
	2,7	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	3,1	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø320	1,3	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	371
	1,4	**M5 (2m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	95485	194	

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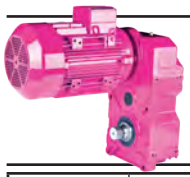
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø320	1,7	**M5 (2m)**	7,5	14	4932	**107,18**	**VR573.1K-3E132M/4D**	92019	204	371
	2,1	**M5 (2m)**	11	17	5920	**87,90**	**VR573.1K-3E160M/4C**	88266	204	
	2,4	**M5 (2m)**	11	19	5237	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	2,7	**M4 (1Am)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	96563	261	
	3,2	**M4 (1Am)**	15	25	5371	**58,36**	**VR573.1K-3E160L/4D**	93738	281	
	3,6	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	0,9	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86185	282	372
	1,0	**M8 (5m)**	4,0	7,6	4661	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	1,1	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,4	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,5	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	105009	292	
	1,8	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	2,1	**M8 (5m)**	11	17	5914	**87,77**	**VR673.1K-3E160M/4C**	108011	302	
	2,4	**M8 (5m)**	11	19	5143	**76,17**	**VR673.1K-3E160M/4C**	110481	359	
	2,8	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	3,2	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø330	1,3	**M5 (2m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	97083	194	371
	1,5	**M5 (2m)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	95485	194	
	1,8	**M5 (2m)**	7,5	14	4932	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	2,2	**M5 (2m)**	11	17	5920	**87,90**	**VR573.1K-3E160M/4C**	88266	261	
	2,4	**M5 (2m)**	11	19	5237	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	2,8	**M4 (1Am)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	96563	261	
	3,3	**M4 (1Am)**	15	25	5371	**58,36**	**VR573.1K-3E160L/4D**	93738	281	
	3,7	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4D**	93802	281	
	0,9	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86185	282	372
	1,0	**M8 (5m)**	4,0	7,6	4661	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	1,2	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,4	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,6	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	1,9	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	2,2	**M8 (5m)**	11	17	5914	**87,77**	**VR673.1K-3E160M/4C**	108011	359	
	2,5	**M8 (5m)**	11	19	5143	**76,17**	**VR673.1K-3E160M/4C**	110481	359	
	2,9	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	3,3	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø340	0,9	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86185	282	372
	1,0	**M8 (5m)**	4,0	7,6	4661	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	1,2	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,4	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,6	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	1,9	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	2,2	**M8 (5m)**	11	17	5914	**87,77**	**VR673.1K-3E160M/4C**	108011	359	
	2,6	**M8 (5m)**	11	19	5143	**76,17**	**VR673.1K-3E160M/4C**	110481	359	
	2,9	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	3,4	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	

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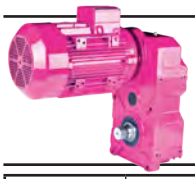

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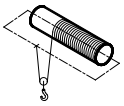

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø360	**4,9**	**M7 (4m)**	22	8,6	22927	**170,32**	**VR873.1K-3E180L/4D**	122983	890	374
	5,5	**M7 (4m)**	30	9,7	27998	**152,83**	**VR873.1K-2ED180L/4D**	127098	890	
	6,2	**M6 (3m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	155561	965	
	7,1	**M6 (3m)**	37	13	26378	**116,84**	**VR873.1K-2ED200L/4D**	154104	970	
	8,1	**M6 (3m)**	37	14	23242	**102,78**	**VR873.1K-2ED200L/4D**	156890	970	
	9,2	**M6 (3m)**	45	16	25126	**91,16**	**VR873.1K-3E225M/4D**	155794	1065	
	10,3	**M6 (3m)**	45	18	22467	**81,40**	**VR873.1K-3E225M/4D**	158348	1065	
	11,5	**M6 (3m)**	55	20	24603	**73,09**	**VR873.1K-3E250M/4D**	157033	1180	
	12,1	**M6 (3m)**	55	21	23212	**69,01**	**VR873.1K-3E250M/4D**	159301	1180	
	13,9	**M5 (2m)**	75	25	27660	**60,33**	**VR873.1K-3G280S/4**	165862	1310	
	15,8	**M5 (2m)**	75	28	24353	**53,03**	**VR873.1K-3G280S/4**	166546	1310	
	17,9	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-3G280M/4**	163494	1370	
Ø380	5,1	**M6 (3m)**	30	8,6	31264	**170,32**	**VR873.1K-2ED180L/4D**	148197	890	374
	5,8	**M6 (3m)**	30	9,7	27998	**152,83**	**VR873.1K-2ED180L/4D**	152412	890	
	6,6	**M6 (3m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	155561	965	
	7,5	**M6 (3m)**	37	13	26378	**116,84**	**VR873.1K-2ED200L/4D**	154104	970	
	8,6	**M6 (3m)**	37	14	23242	**102,78**	**VR873.1K-2ED200L/4D**	156890	970	
	9,7	**M5 (2m)**	45	16	25126	**91,16**	**VR873.1K-3E225M/4D**	171051	1065	
	10,8	**M5 (2m)**	55	18	27460	**81,40**	**VR873.1K-3E250M/4D**	167961	1180	
	12,1	**M5 (2m)**	55	20	24603	**73,09**	**VR873.1K-3E250M/4D**	169292	1180	
	12,8	**M5 (2m)**	55	21	23212	**69,01**	**VR873.1K-3E250M/4D**	170518	1180	
	14,7	**M5 (2m)**	75	25	27660	**60,33**	**VR873.1K-3G280S/4**	165862	1310	
	16,7	**M5 (2m)**	75	28	24353	**53,03**	**VR873.1K-3G280S/4**	166546	1310	
	18,9	**M4 (1Am)**	90	32	25836	**46,82**	**VR873.1K-3G280M/4**	174140	1370	
Ø400	5,4	**M6 (3m)**	30	8,6	31264	**170,32**	**VR873.1K-2ED180L/4D**	148197	890	374
	6,1	**M6 (3m)**	30	9,7	27998	**152,83**	**VR873.1K-2ED180L/4D**	152412	890	
	6,9	**M5 (2m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	179885	965	
	7,9	**M5 (2m)**	37	13	26378	**116,84**	**VR873.1K-2ED200L/4D**	174372	970	
	10,2	**M5 (2m)**	45	14	25126	**91,16**	**VR873.1K-3E225M/4D**	171051	1065	
	11,4	**M5 (2m)**	55	16	27460	**81,40**	**VR873.1K-3E250M/4D**	167961	1180	
	12,7	**M5 (2m)**	55	18	24603	**73,09**	**VR873.1K-3E250M/4D**	169292	1180	
	13,5	**M4 (1Am)**	75	20	31653	**69,01**	**VR873.1K-3G280S/4**	175712	1310	
	15,5	**M4 (1Am)**	75	21	27660	**60,33**	**VR873.1K-3G280S/4**	176729	1310	
	17,6	**M4 (1Am)**	75	25	24353	**53,03**	**VR873.1K-3G280S/4**	177299	1310	
	19,9	**M4 (1Am)**	90	28	25836	**46,82**	**VR873.1K-3G280M/4**	174140	1370	
Ø420	5,7	**M5**	30	8,6	31264	**170,32**	**VR873.1K-2ED180L/4D**	188270	890	374
	6,4	**M5**	30	9,7	27998	**152,83**	**VR873.1K-2ED180L/4D**	182750	890	
	7,2	**M5**	37	11	30304	**134,22**	**VR873.1K-2ED200L/4D**	175314	970	
	8,3	**M4**	37	13	26378	**116,84**	**VR873.1K-2ED200L/4D**	196982	970	
	10,7	**M4**	55	14	30710	**91,16**	**VR873.1K-3E250M/4D**	183179	1180	
	12,0	**M4**	55	16	27460	**81,40**	**VR873.1K-3E250M/4D**	182603	1180	
	13,4	**M4**	75	18	33549	**73,09**	**VR873.1K-3G280S/4**	175265	1310	
	14,2	**M4**	75	20	31653	**69,01**	**VR873.1K-3G280S/4**	175712	1310	

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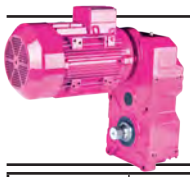

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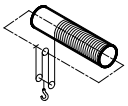

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø320	1,7	**M6 (3m)**	7,5	6,9	9705	**213,15**	**VR673.1K-3E132M/4D**	126919	302	372
	1,9	**M6 (3m)**	11	7,8	12642	**189,61**	**VR673.1K-3E160M/4C**	121867	359	
	2,3	**M5 (2m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	141525	359	
	2,7	**M5 (2m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4D**	134529	379	
	3,1	**M5 (2m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	134063	379	
	3,6	**M5 (2m)**	18,5	14	11467	**102,10**	**VR673.1K-3E180M/4C**	130890	408	
	4,2	**M4 (1Am)**	18,5	17	9880	**87,77**	**VR673.1K-3E180M/4C**	142357	408	
	4,8	**M4 (1Am)**	22	19	10250	**76,17**	**VR673.1K-3E180L/4D**	139462	418	
	5,6	**M4 (1Am)**	30	22	12199	**66,59**	**VR673.1K-3E200L/4D**	134953	464	
	6,3	**M4 (1Am)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	135366	464	
	1,6	**M8 (5m)**	7,5	6,3	10681	**233,77**	**VR773.1K-3E132M/4D**	111776	423	373
	1,8	**M8 (5m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	117877	480	
	2,2	**M8 (5m)**	11	8,8	11157	**166,50**	**VR773.1K-3E160M/4C**	125610	480	
	2,5	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	2,9	**M8 (5m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	133702	500	
	3,3	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	3,8	**M8 (5m)**	18,5	15	11011	**97,55**	**VR773.1K-3E180M/4C**	139390	529	
	4,3	**M7 (4m)**	18,5	17	9723	**85,99**	**VR773.1K-3E180M/4C**	153266	529	
	4,8	**M7 (4m)**	22	19	10308	**76,29**	**VR773.1K-3E180L/4D**	153572	539	
	5,4	**M7 (4m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	5,6	**M7 (4m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	6,5	**M7 (4m)**	30	26	10457	**56,82**	**VR773.1K-3E200L/4D**	151779	585	
	7,5	**M7 (4m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	149105	621	
	4,5	**M8 (5m)**	22	18	11036	**81,40**	**VR873.1K-3E180L/4D**	143570	890	374
	5,1	**M8 (5m)**	22	20	9921	**73,09**	**VR873.1K-3E180L/4D**	147005	890	
	5,4	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	6,1	**M8 (5m)**	30	24	11139	**60,33**	**VR873.1K-3E200L/4D**	150242	965	
	7,0	**M8 (5m)**	37	28	12071	**53,03**	**VR873.1K-3E225S/4C**	147823	1025	
	7,9	**M8 (5m)**	37	32	10672	**46,82**	**VR873.1K-3E225S/4C**	147350	1025	
Ø340	1,8	**M4 (1Am)**	11	6,9	14234	**213,15**	**VR673.1K-3E160M/4C**	193088	359	372
	2,1	**M4 (1Am)**	11	7,8	12642	**189,61**	**VR673.1K-3E160M/4C**	174122	359	
	2,4	**M4 (1Am)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	163152	359	
	2,9	**M4 (1Am)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4D**	151963	379	
	1,7	**M8 (5m)**	7,5	6,3	10681	**233,77**	**VR773.1K-3E132M/4D**	111776	423	373
	2,0	**M8 (5m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	117877	480	
	2,4	**M8 (5m)**	11	8,8	11157	**166,50**	**VR773.1K-3E160M/4C**	125610	480	
	2,6	**M8 (5m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	128335	500	
	3,0	**M7 (4m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	148048	500	
	3,5	**M7 (4m)**	18,5	13	12609	**111,53**	**VR773.1K-3E180M/4C**	148230	500	
	4,0	**M7 (4m)**	18,5	15	11011	**97,55**	**VR773.1K-3E180M/4C**	150917	529	
	4,6	**M7 (4m)**	22	17	11562	**85,99**	**VR773.1K-3E180L/4D**	151283	539	
	5,1	**M7 (4m)**	22	19	10308	**76,29**	**VR773.1K-3E180L/4D**	153572	539	
	5,8	**M7 (4m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	6,0	**M7 (4m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	6,9	**M6 (3m)**	30	26	10457	**56,82**	**VR773.1K-3E200L/4D**	160988	585	
	8,0	**M6 (3m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	158211	621	
	3,8	**M8 (5m)**	18,5	14	11645	**102,78**	**VR873.1K-3E180M/4C**	136405	875	374
	4,3	**M8 (5m)**	22	16	12301	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	4,8	**M8 (5m)**	22	18	11036	**81,40**	**VR873.1K-3E180L/4D**	143570	890	
	5,4	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	5,7	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	6,5	**M8 (5m)**	30	24	11139	**60,33**	**VR873.1K-3E200L/4D**	150242	965	
	7,4	**M8 (5m)**	37	28	12071	**53,03**	**VR873.1K-3E225S/4C**	147823	1025	
	8,4	**M8 (5m)**	37	32	10672	**46,82**	**VR873.1K-3E225S/4C**	147350	1025	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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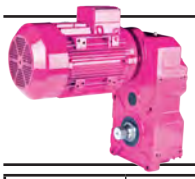
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø360	1,8	**M8 (5m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	106402	480	373
	2,1	**M7 (4m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	140563	480	
	2,5	**M7 (4m)**	11	8,8	11157	**166,50**	**VR773.1K-3E160M/4C**	144492	480	
	2,8	**M7 (4m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	144686	500	
	3,2	**M7 (4m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	148048	500	
	3,7	**M7 (4m)**	18,5	13	12609	**111,53**	**VR773.1K-3E180M/4C**	148230	529	
	4,3	**M6 (3m)**	18,5	15	11011	**97,55**	**VR773.1K-3E180M/4C**	163176	529	
	4,8	**M6 (3m)**	22	17	11562	**85,99**	**VR773.1K-3E180L/4D**	162381	539	
	5,4	**M6 (3m)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	159677	585	
	6,1	**M6 (3m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	161310	585	
	6,4	**M6 (3m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	161288	585	
	7,3	**M6 (3m)**	37	26	12897	**56,82**	**VR773.1K-3E225S/4C**	158357	621	
	8,4	**M6 (3m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	158211	621	
	2,4	**M8 (5m)**	11	8,6	11464	**170,32**	**VR873.1K-3E160M/4C**	105849	800	374
	2,7	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	3,1	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4D**	125889	825	
	3,6	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	4,1	**M8 (5m)**	18,5	14	11645	**102,78**	**VR873.1K-3E180M/4C**	136405	875	
	4,6	**M8 (5m)**	22	16	12301	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	5,1	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	5,7	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	6,0	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	6,9	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	7,9	**M8 (5m)**	37	28	12071	**53,03**	**VR873.1K-3E225S/4C**	147823	1025	
	8,9	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225M/4D**	145520	1065	
Ø380	1,9	**M7 (4m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	134569	480	373
	2,2	**M7 (4m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	140563	480	
	2,6	**M7 (4m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	140118	500	
	2,9	**M7 (4m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	144686	500	
	3,4	**M6 (3m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	163612	500	
	3,9	**M6 (3m)**	18,5	13	12609	**111,53**	**VR773.1K-3E180M/4C**	161940	529	
	4,5	**M6 (3m)**	22	15	13094	**97,55**	**VR773.1K-3E180L/4D**	160930	539	
	5,1	**M6 (3m)**	22	17	11562	**85,99**	**VR773.1K-3E180L/4D**	162381	539	
	5,7	**M6 (3m)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	159677	585	
	6,5	**M6 (3m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	161310	585	
	6,7	**M5 (2m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	171366	585	
	7,7	**M5 (2m)**	37	26	12897	**56,82**	**VR773.1K-3E225S/4C**	168318	621	
	8,9	**M5 (2m)**	45	30	13673	**49,45**	**VR773.1K-3E225M/4D**	165440	645	
	2,6	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	2,9	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	3,3	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4D**	125889	825	
	3,8	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	4,3	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	4,8	**M8 (5m)**	22	16	12301	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	5,4	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	6,0	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	6,4	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	7,3	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	8,3	**M8 (5m)**	37	28	12071	**53,03**	**VR873.1K-3E225S/4C**	147823	1025	
	9,4	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225M/4D**	145520	1065	
Ø400	2,0	**M7 (4m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	134569	480	373
	2,3	**M7 (4m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	140563	480	
	2,8	**M6 (3m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	161330	500	
	3,1	**M6 (3m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	162688	500	
	3,6	**M6 (3m)**	18,5	11	14532	**128,81**	**VR773.1K-3E180M/4C**	160648	529	
	4,1	**M6 (3m)**	18,5	13	12609	**111,53**	**VR773.1K-3E180M/4C**	161940	529	
	4,7	**M6 (3m)**	22	15	13094	**97,55**	**VR773.1K-3E180L/4D**	160930	539	
	5,4	**M5 (2m)**	30	17	15767	**85,99**	**VR773.1K-3E200L/4D**	169983	585	
	6,1	**M5 (2m)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	170707	585	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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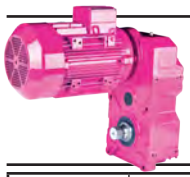

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø400	6,8	**M5 (2m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	171417	585	373
	7,1	**M5 (2m)**	37	22	14862	**65,59**	**VR773.1K-3E225S/4C**	168334	585	
	8,2	**M5 (2m)**	37	26	12897	**56,82**	**VR773.1K-3E225S/4C**	168318	621	
	9,4	**M5 (2m)**	45	30	13673	**49,45**	**VR773.1K-3E225M/4D**	165440	645	
	2,7	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	3,0	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	3,4	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	4,0	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	4,5	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	5,1	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	5,7	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	6,3	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	6,7	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	7,7	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	8,8	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	145751	1065	
	9,9	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225M/4D**	145520	1065	
Ø420	2,1	**M6 (3m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	168737	480	373
	2,4	**M6 (3m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	166812	480	
	2,9	**M6 (3m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	161330	500	
	3,3	**M6 (3m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	162688	500	
	3,8	**M5 (2m)**	18,5	11	14532	**128,81**	**VR773.1K-3E180M/4C**	178134	529	
	4,3	**M5 (2m)**	22	13	14995	**111,53**	**VR773.1K-3E180L/4D**	174599	539	
	5,0	**M5 (2m)**	22	15	13094	**97,55**	**VR773.1K-3E180L/4D**	174430	539	
	5,7	**M5 (2m)**	30	17	15767	**85,99**	**VR773.1K-3E200L/4D**	169983	585	
	6,4	**M5 (2m)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	170707	585	
	7,1	**M5 (2m)**	37	22	15426	**68,02**	**VR773.1K-3E225S/4C**	168271	585	
	7,4	**M5 (2m)**	37	22	14862	**65,59**	**VR773.1K-3E225S/4C**	168334	621	
	8,6	**M4 (1Am)**	37	26	12897	**56,82**	**VR773.1K-3E225S/4C**	178856	621	
	9,8	**M4 (1Am)**	45	30	13673	**49,45**	**VR773.1K-3E225M/4D**	175859	645	
	2,8	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	3,2	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	3,6	**M8 (5m)**	18.5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	4,1	**M8 (5m)**	18.5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	4,7	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	5,3	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	6,0	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	6,6	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	7,0	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	8,1	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	9,2	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	145751	1065	
	10,4	**M8 (5m)**	55	32	15863	**46,82**	**VR873.1K-3E250M/4D**	143228	1180	
Ø440	2,2	**M6 (3m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	168737	480	373
	2,5	**M6 (3m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	166812	480	
	3,0	**M5 (2m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	186013	500	
	3,4	**M5 (2m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	183216	500	
	3,9	**M5 (2m)**	18,5	11	14532	**128,81**	**VR773.1K-3E180M/4C**	178134	529	
	4,6	**M5 (2m)**	22	13	14995	**111,53**	**VR773.1K-3E180L/4D**	174599	539	
	5,2	**M5 (2m)**	30	15	17856	**97,55**	**VR773.1K-3E200L/4D**	169296	539	
	5,9	**M5 (2m)**	30	17	15767	**85,99**	**VR773.1K-3E200L/4D**	169983	585	
	6,7	**M4 (1Am)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	182433	585	
	3,0	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	3,3	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	3,8	**M8 (5m)**	18.5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	4,3	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	5,0	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	5,6	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	6,2	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	

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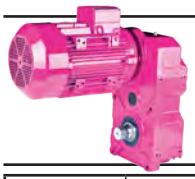

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø440	6.9	**M8 (5m)**	37	20	16686	**73,09**	**VR873.1K-3E225S/4C**	141633	1025	374
	7.4	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	8.4	**M8 (5m)**	45	24	16708	**60,33**	**VR873.1K-3E225M/4D**	145819	1065	
	9.6	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	145751	1065	
	10.9	**M8 (5m)**	55	32	15863	**46,82**	**VR873.1K-3E250M/4D**	152133	1180	
Ø450	2,2	**M6 (3m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	168737	480	373
	2,6	**M5 (2m)**	15	7,3	18267	**200,14**	**VR773.1K-3E160L/4D**	193027	500	
	3,1	**M5 (2m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	186013	500	
	3,5	**M5 (2m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	183216	500	
	4,0	**M5 (2m)**	18,5	11	14532	**128,81**	**VR773.1K-3E180M/4C**	178134	529	
	4,7	**M5 (2m)**	22	13	14995	**111,53**	**VR773.1K-3E180L/4D**	174599	539	
	5,3	**M4 (1Am)**	30	15	17856	**97,55**	**VR773.1K-3E200L/4D**	183837	585	
	6,1	**M4 (1Am)**	30	17	15767	**85,99**	**VR773.1K-3E200L/4D**	182960	585	
	6,8	**M4 (1Am)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	182433	585	
	3.0	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	3.4	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	3.9	**M8 (5m)**	18.5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	4.4	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	5.1	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130648	965	
	5.7	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	6.4	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	7.1	**M8 (5m)**	37	20	16686	**73,09**	**VR873.1K-3E225S/4C**	141633	1025	
	7.6	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	8.6	**M8 (5m)**	45	24	16708	**60,33**	**VR873.1K-3E225M/4D**	145819	1065	
	9.8	**M7 (4m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	154746	1065	
	11.2	**M7 (4m)**	55	32	15863	**46,82**	**VR873.1K-3E250M/4D**	152133	1180	

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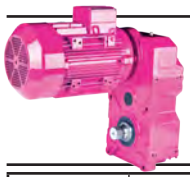

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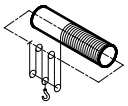

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø280	1,0	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	1,1	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,3	**M8 (5m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	96243	302	
	1,6	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100847	302	
	1,8	**M8 (5m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	101595	359	
	2,1	**M7 (4m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	114875	359	
	2,5	**M7 (4m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	116815	359	
	2,8	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	3,2	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	3,7	**M7 (4m)**	18,5	25	6623	**58,54**	**VR673.1K-3E180M/4C**	117739	408	
	2,2	**M8 (5m)**	11	15	6569	**97,55**	**VR773.1K-3E160M/4C**	144234	480	373
	2,5	**M8 (5m)**	11	17	5801	**85,99**	**VR773.1K-3E160M/4C**	147036	480	
	2,8	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	3,2	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	
	3,3	**M8 (5m)**	15	22	6046	**65,59**	**VR773.1K-3E160L/4D**	149571	500	
	3,8	**M8 (5m)**	18,5	26	6448	**56,82**	**VR773.1K-3E180M/4C**	147287	529	
	4,4	**M8 (5m)**	22	30	6707	**49,45**	**VR773.1K-3E180L/4D**	145321	539	
Ø300	1,1	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	1,2	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,4	**M8 (5m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	96243	302	
	1,7	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	302	
	1,9	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	2,3	**M7 (4m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	114875	359	
	2,6	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	113998	379	
	3,0	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	3,5	**M7 (4m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	115961	379	
	4,0	**M6 (3m)**	18,5	25	6623	**58,54**	**VR673.1K-3E180M/4C**	124880	408	
	1,8	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	373
	2,1	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	2,4	**M8 (5m)**	11	15	6569	**97,55**	**VR773.1K-3E160M/4C**	144234	480	
	2,7	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	3,0	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	3,4	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	
	3,5	**M8 (5m)**	18,5	22	7456	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	4,1	**M8 (5m)**	18,5	26	6448	**56,82**	**VR773.1K-3E180M/4C**	147287	529	
	4,7	**M8 (5m)**	22	30	6707	**49,45**	**VR773.1K-3E180L/4D**	145321	539	
Ø320	1,1	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	1,3	**M8 (5m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	89848	302	
	1,5	**M7 (4m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	110778	302	
	1,8	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	2,1	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	2,4	**M7 (4m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	114875	359	
	2,8	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	113998	379	
	3,2	**M6 (3m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	124542	379	
	3,7	**M6 (3m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	123716	408	
	4,2	**M6 (3m)**	18,5	25	6623	**58,54**	**VR673.1K-3E180M/4C**	124880	408	
	1,5	**M8 (5m)**	7,5	8,8	7633	**166,50**	**VR773.1K-3E132M/4D**	129498	423	373
	1,6	**M8 (5m)**	7,5	9,8	6839	**148,95**	**VR773.1K-3E132M/4D**	135735	423	
	1,9	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	2,2	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	2,5	**M8 (5m)**	11	15	6569	**97,55**	**VR773.1K-3E160M/4C**	144234	480	
	2,9	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	3,2	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	3,6	**M8 (5m)**	18,5	22	7739	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	3,8	**M8 (5m)**	18,5	22	7456	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	4,3	**M8 (5m)**	22	26	7668	**56,82**	**VR773.1K-3E180L/4D**	145972	529	
	5,0	**M8 (5m)**	22	30	6707	**49,45**	**VR773.1K-3E180L/4D**	145321	539	

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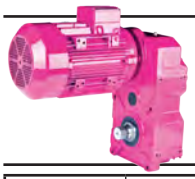

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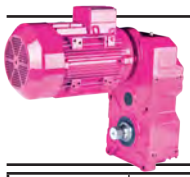
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**IE3 Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**IE3 Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**IE3 Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**IE3 Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø340	1,2	**M7 (4m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	104696	292	372
	1,4	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	1,6	**M7 (4m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	110778	302	
	1,9	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	2,2	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	2,6	**M7 (4m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	111606	379	
	3,0	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	3,4	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	379	
	3,9	**M6 (3m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	123716	408	
	4,5	**M6 (3m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	123233	418	
	1,1	**M8 (5m)**	5,5	6,2	7860	**233,77**	**VR773.1K-3E132S/4C**	114944	413	373
	1,3	**M8 (5m)**	7,5	7,3	9196	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	1,6	**M8 (5m)**	7,5	8,8	7633	**166,50**	**VR773.1K-3E132M/4D**	129498	423	
	1,8	**M8 (5m)**	11	9,8	10031	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	2,0	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	2,3	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	2,7	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	3,0	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	3,4	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	3,8	**M8 (5m)**	18,5	22	7739	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	4,0	**M8 (5m)**	18,5	22	7456	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	4,6	**M8 (5m)**	22	26	7668	**56,82**	**VR773.1K-3E180L/4D**	145972	539	
	5,3	**M8 (5m)**	30	30	9146	**49,45**	**VR773.1K-3E200L/4D**	142692	585	
Ø360	1,3	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	372
	1,5	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	1,7	**M7 (4m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	106246	302	
	2,1	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	2,3	**M6 (3m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	124506	359	
	2,7	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	3,2	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	3,6	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	4,2	**M6 (3m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	123716	408	
	4,7	**M6 (3m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	123233	418	
	1,2	**M8 (5m)**	5,5	6,2	7860	**233,77**	**VR773.1K-3E132S/4C**	114944	413	373
	1,4	**M8 (5m)**	7,5	7,3	9196	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	1,7	**M8 (5m)**	7,5	8,8	7633	**166,50**	**VR773.1K-3E132M/4D**	129498	423	
	1,9	**M8 (5m)**	11	9,8	10031	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	2,1	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	2,5	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	2,8	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	3,2	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	3,6	**M8 (5m)**	18,5	19	8668	**76,29**	**VR773.1K-3E180M/4C**	145676	529	
	4,1	**M8 (5m)**	18,5	22	7739	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	4,2	**M8 (5m)**	18,5	22	7456	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	4,9	**M8 (5m)**	22	26	7668	**56,82**	**VR773.1K-3E180L/4D**	145972	539	
	5,6	**M8 (5m)**	30	30	9146	**49,45**	**VR773.1K-3E200L/4D**	142692	585	
Ø380	1,4	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	372
	1,5	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	1,8	**M7 (4m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	106246	359	
	2,2	**M6 (3m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	123236	359	
	2,4	**M6 (3m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	124506	359	
	2,9	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	3,3	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	3,8	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	4,4	**M5 (2m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	130270	418	
	5,0	**M5 (2m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	130958	418	
	1,2	**M8 (5m)**	5,5	6,2	7860	**233,77**	**VR773.1K-3E132S/4C**	114944	413	373

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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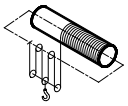

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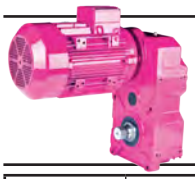
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø380	1,5	**M8 (5m)**	7,5	7,3	9196	**200,14**	**VR773.1K-3E132M/4D**	122614	423	373
	1,7	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	2,0	**M8 (5m)**	11	9,8	10031	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	2,3	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	2,6	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	3,0	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	3,4	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	3,8	**M8 (5m)**	18,5	19	8668	**76,29**	**VR773.1K-3E180M/4C**	145676	529	
	4,3	**M8 (5m)**	22	22	9203	**68,02**	**VR773.1K-3E180L/4D**	146628	529	
	4,5	**M8 (5m)**	22	22	8867	**65,59**	**VR773.1K-3E180L/4D**	146529	539	
	5,2	**M8 (5m)**	30	26	10457	**56,82**	**VR773.1K-3E200L/4D**	142965	539	
	5,9	**M8 (5m)**	30	30	9146	**49,45**	**VR773.1K-3E200L/4D**	142692	585	
Ø400	1,4	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	372
	1,6	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	1,9	**M6 (3m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	2,3	**M6 (3m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	123236	359	
	2,6	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	120668	379	
	3,0	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	3,5	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	120914	408	
	4,0	**M5 (2m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	131680	408	
	4,6	**M5 (2m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	130270	418	
	1,3	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	1,5	**M8 (5m)**	7,5	7,3	9196	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	1,8	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	2,1	**M8 (5m)**	11	9,8	10031	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	2,4	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	2,8	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	3,2	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	3,6	**M8 (5m)**	18,5	17	9756	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	4,0	**M8 (5m)**	18,5	19	8668	**76,29**	**VR773.1K-3E180M/4C**	145676	529	
	4,5	**M8 (5m)**	22	22	9203	**68,02**	**VR773.1K-3E180L/4D**	146628	539	
	4,7	**M8 (5m)**	22	22	8867	**65,59**	**VR773.1K-3E180L/4D**	146529	539	
	5,4	**M8 (5m)**	30	26	10457	**56,82**	**VR773.1K-3E200L/4D**	142965	585	
	6,2	**M7 (4m)**	30	30	9146	**49,45**	**VR773.1K-3E200L/4D**	151409	585	
Ø420	1,5	**M6 (3m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	127019	302	372
	1,7	**M6 (3m)**	11	7,7	12729	**189,61**	**VR673.1K-3E160M/4C**	121971	302	
	2,0	**M6 (3m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	2,4	**M6 (3m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	123236	359	
	2,7	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	120668	379	
	3,2	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	3,7	**M5 (2m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	131243	408	
	4,2	**M5 (2m)**	22	19	10250	**76,17**	**VR673.1K-3E180L/4D**	129537	408	
	4,9	**M5 (2m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	130270	418	
	1,4	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	1,6	**M8 (5m)**	7,5	7,3	9196	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	1,9	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	2,2	**M8 (5m)**	11	9,8	10031	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	2,5	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	2,9	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	3,3	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	3,8	**M8 (5m)**	18,5	17	9756	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	4,2	**M8 (5m)**	22	19	10308	**76,29**	**VR773.1K-3E180L/4D**	143908	529	
	4,8	**M8 (5m)**	22	22	9203	**68,02**	**VR773.1K-3E180L/4D**	146628	539	
	4,9	**M8 (5m)**	22	22	8867	**65,59**	**VR773.1K-3E180L/4D**	146529	539	
	5,7	**M7 (4m)**	30	26	10457	**56,82**	**VR773.1K-3E200L/4D**	151779	585	
	6,5	**M7 (4m)**	30	30	9146	**49,45**	**VR773.1K-3E200L/4D**	151409	585	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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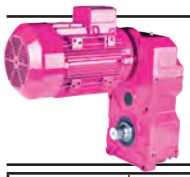
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø270	1,1	**M4 (1Am)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	115293	194	371
	1,2	**M4 (1Am)**	5,5	12	4268	**126,81**	**VR573.1K-3E132S/4C**	109708	194	
	1,4	**M4 (1Am)**	7,5	14	4915	**107,18**	**VR573.1K-3E132M/4D**	103561	204	
	1,8	**M4 (1Am)**	11	17	5900	**87,90**	**VR573.1K-3E160M/4C**	97955	261	
	2,0	**M4 (1Am)**	11	19	5219	**77,63**	**VR573.1K-3E160M/4C**	97086	261	
	0,7	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	0,8	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	1,0	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,2	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,3	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	1,5	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	1,8	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	2,0	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	2,3	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	2,7	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø280	0,8	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	0,8	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	1,0	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,2	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,3	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	1,6	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	1,8	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	2,1	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	2,4	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	2,8	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø290	0,8	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	0,9	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	1,0	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,2	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	292	
	1,4	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	1,6	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	1,9	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	2,2	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	2,5	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	110450	379	
	2,9	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø300	0,8	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	0,9	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,1	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,3	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	1,4	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	1,7	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	302	
	2,0	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	2,3	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	2,6	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	110450	379	
	3,0	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	112560	379	
Ø320	0,9	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	372
	1,0	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,1	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,4	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	1,5	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	1,8	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	2,1	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	2,4	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	2,8	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	110450	379	
	3,2	**M7 (4m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	119396	379	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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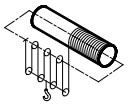

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø320	3,2	**M8 (5m)**	15	26	5246	**56,82**	**VR773.1K-3E160L/4D**	148625	500	373
	3,7	**M8 (5m)**	18,5	30	5621	**49,45**	**VR773.1K-3E180M/4C**	146450	529	
Ø340	0,9	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	1,0	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,2	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,4	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	1,6	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	1,9	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	2,2	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	2,6	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	2,9	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	3,4	**M7 (4m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4D**	119396	379	
	2,6	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	373
	2,9	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	
	3,0	**M8 (5m)**	15	22	6046	**65,59**	**VR773.1K-3E160L/4D**	149571	500	
	3,5	**M8 (5m)**	18,5	26	6470	**56,82**	**VR773.1K-3E180M/4C**	147306	529	
	4,0	**M8 (5m)**	18,5	30	5621	**49,45**	**VR773.1K-3E180M/4C**	146450	529	
Ø360	1,0	**M8 (5m)**	5,5	6,8	7448	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	1,1	**M8 (5m)**	5,5	7,7	6637	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,3	**M8 (5m)**	7,5	9,0	7735	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	1,5	**M8 (5m)**	7,5	11	6444	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	1,7	**M8 (5m)**	11	12	8435	**119,86**	**VR673.1K-3E160M/4C**	101611	359	
	2,0	**M8 (5m)**	11	14	7184	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	2,4	**M7 (4m)**	11	17	6189	**87,77**	**VR673.1K-3E160M/4C**	116815	359	
	2,7	**M7 (4m)**	15	19	7338	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	3,1	**M7 (4m)**	15	22	6426	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	3,5	**M7 (4m)**	18,5	25	6978	**58,54**	**VR673.1K-3E180M/4C**	117744	408	
	2,4	**M8 (5m)**	11	17	5801	**85,99**	**VR773.1K-3E160M/4C**	147036	480	373
	2,7	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	3,1	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	
	3,2	**M8 (5m)**	15	22	6046	**65,59**	**VR773.1K-3E160L/4D**	149571	500	
	3,7	**M8 (5m)**	18,5	26	6470	**56,82**	**VR773.1K-3E180M/4C**	147306	529	
	4,2	**M8 (5m)**	22	30	6684	**49,45**	**VR773.1K-3E180L/4D**	145304	529	
Ø380	1,0	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	1,1	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,3	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	1,6	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	1,8	**M7 (4m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	112605	359	
	2,1	**M7 (4m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	114895	359	
	2,5	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	113998	359	
	2,9	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	3,3	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	3,7	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	117744	408	
	2,0	**M8 (5m)**	11	13	7523	**111,53**	**VR773.1K-3E160M/4C**	140996	480	373
	2,2	**M8 (5m)**	11	15	6569	**97,55**	**VR773.1K-3E160M/4C**	144234	480	
	2,5	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	2,9	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	3,2	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	
	3,3	**M8 (5m)**	15	22	6046	**65,59**	**VR773.1K-3E160L/4D**	149571	500	
	3,9	**M8 (5m)**	18,5	26	6470	**56,82**	**VR773.1K-3E180M/4C**	147306	529	
	4,4	**M8 (5m)**	22	30	6684	**49,45**	**VR773.1K-3E180L/4D**	145304	539	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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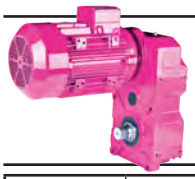

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø340	2,3	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	2,6	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	2,9	**M8 (5m)**	18,5	11	15152	**134,22**	**VR873.1K-3E180M/4C**	123557	875	
	3,4	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	3,8	**M8 (5m)**	22	14	13895	**102,78**	**VR873.1K-3E180L/4D**	134685	890	
	4,3	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	4,8	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	5,4	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	5,7	**M8 (5m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	145207	1025	
	6,5	**M8 (5m)**	37	25	13710	**60,33**	**VR873.1K-3E225S/4C**	148175	1025	
	7,4	**M8 (5m)**	45	28	14691	**53,03**	**VR873.1K-3E225M/4D**	145751	1065	
	8,4	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152131	1180	
Ø360	2.4	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	2.7	**M8 (5m)**	18.5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	3.1	**M8 (5m)**	18.5	11	15152	**134,22**	**VR873.1K-3E180M/4C**	123557	875	
	3.6	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	4.0	**M8 (5m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	4.6	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	5.1	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	5.7	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	6.1	**M8 (5m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	145207	1025	
	6.9	**M7 (4m)**	45	25	16675	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	7.9	**M7 (4m)**	45	28	14691	**53,03**	**VR873.1K-3E225M/4D**	154747	1065	
	8.9	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152131	1180	
Ø380	2.6	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	2.9	**M8 (5m)**	18.5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	3.3	**M8 (5m)**	18.5	11	15152	**134,22**	**VR873.1K-3E180M/4C**	123557	875	
	3.8	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	4.3	**M8 (5m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	4.8	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	5.4	**M8 (5m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	137584	1025	
	6.0	**M7 (4m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	152246	1025	
	6.4	**M7 (4m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	155035	1025	
	7.3	**M7 (4m)**	45	25	16675	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	8.3	**M7 (4m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	152152	1180	
	9.4	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152131	1180	
Ø400	2,7	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	374
	3,0	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	3,5	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	4,0	**M8 (5m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	124193	965	
	4,5	**M8 (5m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	5,1	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	5,7	**M7 (4m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	6,3	**M7 (4m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	152246	1025	
	6,7	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	7,7	**M7 (4m)**	45	25	16675	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	8,7	**M7 (4m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	152152	1180	
	9,9	**M7 (4m)**	75	32	21573	**46,82**	**VR873.1K-3G280S/4**	147553	1310	
Ø420	2.8	**M8 (5m)**	18.5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	374
	3.2	**M8 (5m)**	18.5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	3.6	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	4.1	**M8 (5m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	124193	965	
	4.7	**M8 (5m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	5.3	**M7 (4m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	148742	965	
	6.0	**M7 (4m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	6.7	**M7 (4m)**	45	20	20225	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	7.1	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	8.1	**M7 (4m)**	45	25	16675	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	9.2	**M7 (4m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	152152	1180	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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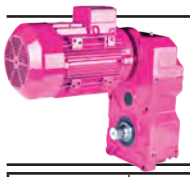

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø420	10,4	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-3G280S/4**	156857	1310	374
Ø440	3,0	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	374
	3,3	**M8 (5m)**	22	9,6	17324	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	3,8	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	4,3	**M7 (4m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	140352	965	
	4,9	**M7 (4m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	144946	965	
	5,6	**M7 (4m)**	37	16	16774	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	6,3	**M7 (4m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	7,0	**M7 (4m)**	45	20	16630	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	7,4	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	8,5	**M7 (4m)**	55	25	16675	**60,33**	**VR873.1K-3E250M/4D**	151961	1180	
	9,6	**M6 (3m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	161552	1180	
	10,9	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-3G280S/4**	156857	1310	
Ø460	3,1	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	374
	3,5	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	4,0	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	4,5	**M7 (4m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	140352	965	
	5,2	**M7 (4m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	144946	965	
	5,8	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	6,5	**M7 (4m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	7,3	**M7 (4m)**	45	20	20225	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	7,7	**M6 (3m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	162663	1065	
	8,8	**M6 (3m)**	55	25	20380	**60,33**	**VR873.1K-3E250M/4D**	161460	1180	
	10,1	**M6 (3m)**	75	28	24484	**53,03**	**VR873.1K-3G280S/4**	156353	1310	
	11,4	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-3G280S/4**	156857	1310	
Ø480	3,3	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	374
	3,6	**M7 (4m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	133124	890	
	4,1	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	4,7	**M7 (4m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	140352	965	
	5,4	**M7 (4m)**	37	14	23368	**102,78**	**VR873.1K-2ED200L/4D**	141423	970	
	6,1	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	6,8	**M7 (4m)**	45	18	22497	**81,40**	**VR873.1K-3E225M/4D**	146004	1065	
	7,6	**M6 (3m)**	45	20	20225	**73,09**	**VR873.1K-3E225M/4D**	160601	1065	
	8,1	**M6 (3m)**	55	21	23275	**69,01**	**VR873.1K-3E250M/4D**	159294	1180	
	9,2	**M6 (3m)**	55	25	20380	**60,33**	**VR873.1K-3E250M/4D**	161460	1180	
	10,5	**M6 (3m)**	75	28	24484	**53,03**	**VR873.1K-3G280S/4**	156353	1310	
	11,9	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-3G280S/4**	156857	1310	

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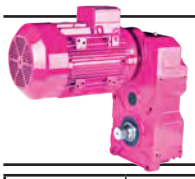
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø320	1,0	**M8 (5m)**	7,5	6,3	10681	**233,77**	**VR773.1K-3E132M/4D**	111776	423	373
	1,2	**M8 (5m)**	7,5	7,3	9165	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	1,5	**M8 (5m)**	11	8,8	11157	**166,50**	**VR773.1K-3E160M/4C**	125610	480	
	1,7	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	1,9	**M8 (5m)**	11	11	8641	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	2,2	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	2,5	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	2,9	**M8 (5m)**	18,5	17	9723	**85,99**	**VR773.1K-3E180M/4C**	142757	529	
	3,2	**M8 (5m)**	18,5	19	8639	**76,29**	**VR773.1K-3E180M/4C**	145661	529	
	3,6	**M8 (5m)**	22	22	9203	**68,02**	**VR773.1K-3E180L/4D**	146628	539	
	3,8	**M8 (5m)**	22	22	8867	**65,59**	**VR773.1K-3E180L/4D**	146529	539	
	4,3	**M7 (4m)**	30	26	10457	**56,82**	**VR773.1K-3E200L/4D**	151779	585	
	5,0	**M7 (4m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	151398	585	
Ø340	1,1	**M8 (5m)**	7,5	6,3	10681	**233,77**	**VR773.1K-3E132M/4D**	111776	423	373
	1,3	**M8 (5m)**	7,5	7,3	9165	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	1,6	**M8 (5m)**	11	8,8	11157	**166,50**	**VR773.1K-3E160M/4C**	125610	480	
	1,8	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	2,0	**M8 (5m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	133702	500	
	2,3	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	2,7	**M8 (5m)**	22	15	13139	**97,55**	**VR773.1K-3E180L/4D**	137152	500	
	3,1	**M8 (5m)**	22	17	11562	**85,99**	**VR773.1K-3E180L/4D**	140774	539	
	3,4	**M8 (5m)**	22	19	10273	**76,29**	**VR773.1K-3E180L/4D**	143899	539	
	3,8	**M7 (4m)**	22	22	9203	**68,02**	**VR773.1K-3E180L/4D**	155573	539	
	4,0	**M7 (4m)**	30	22	12091	**65,59**	**VR773.1K-3E200L/4D**	151972	539	
	4,6	**M7 (4m)**	30	26	10457	**56,82**	**VR773.1K-3E200L/4D**	151779	585	
	5,3	**M7 (4m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	151398	585	
	3.8	**M8 (5m)**	22	21	9361	**69,01**	**VR873.1K-3E180L/4D**	150281	890	374
	4.4	**M8 (5m)**	30	24	11139	**60,33**	**VR873.1K-3E200L/4D**	150242	965	
	4.9	**M8 (5m)**	30	28	9807	**53,03**	**VR873.1K-3E200L/4D**	149644	965	
	5.6	**M8 (5m)**	37	32	10693	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø360	1,2	**M8 (5m)**	7,5	6,3	10681	**233,77**	**VR773.1K-3E132M/4D**	111776	423	373
	1,4	**M8 (5m)**	11	7,3	13442	**200,14**	**VR773.1K-3E160M/4C**	117932	480	
	1,7	**M8 (5m)**	11	8,8	11157	**166,50**	**VR773.1K-3E160M/4C**	125610	480	
	1,9	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	2,2	**M8 (5m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	133702	500	
	2,5	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	2,8	**M8 (5m)**	18,5	15	11049	**97,55**	**VR773.1K-3E180M/4C**	139405	529	
	3,2	**M7 (4m)**	18,5	17	9723	**85,99**	**VR773.1K-3E180M/4C**	153266	529	
	3,6	**M7 (4m)**	22	19	10273	**76,29**	**VR773.1K-3E180L/4D**	153560	539	
	4,1	**M7 (4m)**	30	22	12550	**68,02**	**VR773.1K-3E200L/4D**	151965	585	
	4,2	**M7 (4m)**	30	22	12091	**65,59**	**VR773.1K-3E200L/4D**	151972	585	
	4,9	**M7 (4m)**	30	26	10457	**56,82**	**VR773.1K-3E200L/4D**	151779	585	
	5,6	**M7 (4m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	149105	621	
	3.4	**M8 (5m)**	22	18	10999	**81,40**	**VR873.1K-3E180L/4D**	143544	890	374
	3.8	**M8 (5m)**	22	20	9921	**73,09**	**VR873.1K-3E180L/4D**	147005	890	
	4.0	**M8 (5m)**	30	21	12765	**69,01**	**VR873.1K-3E200L/4D**	147581	965	
	4.6	**M8 (5m)**	30	24	11139	**60,33**	**VR873.1K-3E200L/4D**	150242	965	
	5.2	**M8 (5m)**	30	28	9807	**53,03**	**VR873.1K-3E200L/4D**	149644	965	
	5.9	**M8 (5m)**	37	32	10693	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø380	1,2	**M8 (5m)**	7,5	6,3	10681	**233,77**	**VR773.1K-3E132M/4D**	111776	423	373
	1,5	**M8 (5m)**	11	7,3	13442	**200,14**	**VR773.1K-3E160M/4C**	117932	480	
	1,8	**M8 (5m)**	11	8,8	11157	**166,50**	**VR773.1K-3E160M/4C**	125610	480	
	2,0	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	2,3	**M8 (5m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	133702	500	
	2,6	**M7 (4m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	150802	500	
	3,0	**M7 (4m)**	22	15	13139	**97,55**	**VR773.1K-3E180L/4D**	148682	539	
	3,4	**M7 (4m)**	22	17	11562	**85,99**	**VR773.1K-3E180L/4D**	151283	539	

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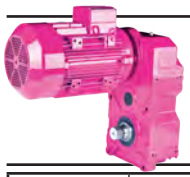
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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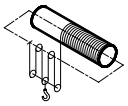

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø380	3,8	**M7 (4m)**	22	19	10273	**76,29**	**VR773.1K-3E180L/4D**	153560	539	373
	4,3	**M7 (4m)**	30	22	12550	**68,02**	**VR773.1K-3E200L/4D**	151965	585	
	4,5	**M7 (4m)**	30	22	12091	**65,59**	**VR773.1K-3E200L/4D**	151972	585	
	5,2	**M7 (4m)**	30	26	10457	**56,82**	**VR773.1K-3E200L/4D**	151779	585	
	5,9	**M6 (3m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	158211	621	
	2,8	**M8 (5m)**	18,5	14	11684	**102,78**	**VR873.1K-3E180M/4C**	136441	875	374
	3,2	**M8 (5m)**	18,5	16	10344	**91,16**	**VR873.1K-3E180M/4C**	141051	875	
	3,6	**M8 (5m)**	22	18	10999	**81,40**	**VR873.1K-3E180L/4D**	143544	890	
	4,0	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	4,2	**M8 (5m)**	30	21	12765	**69,01**	**VR873.1K-3E200L/4D**	147581	965	
	4,9	**M8 (5m)**	30	24	11139	**60,33**	**VR873.1K-3E200L/4D**	150242	965	
	5,5	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	6,3	**M8 (5m)**	37	32	10693	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø400	1,3	**M8 (5m)**	7,5	6,3	10681	**233,77**	**VR773.1K-3E132M/4D**	111776	423	373
	1,5	**M8 (5m)**	11	7,3	13442	**200,14**	**VR773.1K-3E160M/4C**	117932	480	
	1,8	**M8 (5m)**	11	8,8	11157	**166,50**	**VR773.1K-3E160M/4C**	125610	480	
	2,1	**M7 (4m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	144686	500	
	2,4	**M7 (4m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	148048	500	
	2,8	**M7 (4m)**	18,5	13	12609	**111,53**	**VR773.1K-3E180M/4C**	148230	529	
	3,2	**M7 (4m)**	18,5	15	11049	**97,55**	**VR773.1K-3E180M/4C**	150936	529	
	3,6	**M7 (4m)**	22	17	11562	**85,99**	**VR773.1K-3E180L/4D**	151283	539	
	4,0	**M6 (3m)**	30	19	14008	**76,29**	**VR773.1K-3E200L/4D**	159676	585	
	4,5	**M6 (3m)**	30	22	12550	**68,02**	**VR773.1K-3E200L/4D**	161312	585	
	4,7	**M6 (3m)**	30	22	12091	**65,59**	**VR773.1K-3E200L/4D**	161292	585	
	5,4	**M6 (3m)**	37	26	12897	**56,82**	**VR773.1K-3E225S/4C**	158357	585	
	6,2	**M6 (3m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	158211	621	
	2,6	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	374
	3,0	**M8 (5m)**	18,5	14	11684	**102,78**	**VR873.1K-3E180M/4C**	136441	875	
	3,4	**M8 (5m)**	22	16	12301	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	3,8	**M8 (5m)**	22	18	10999	**81,40**	**VR873.1K-3E180L/4D**	143544	890	
	4,2	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	4,5	**M8 (5m)**	30	21	12765	**69,01**	**VR873.1K-3E200L/4D**	147581	965	
	5,1	**M8 (5m)**	30	24	11139	**60,33**	**VR873.1K-3E200L/4D**	150242	965	
	5,8	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	6,6	**M8 (5m)**	45	32	13006	**46,82**	**VR873.1K-3E225M/4D**	145524	1065	
Ø420	1,4	**M8 (5m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	106402	480	373
	1,6	**M7 (4m)**	11	7,3	13442	**200,14**	**VR773.1K-3E160M/4C**	140636	480	
	1,9	**M7 (4m)**	11	8,8	11157	**166,50**	**VR773.1K-3E160M/4C**	144492	480	
	2,2	**M7 (4m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	144686	500	
	2,5	**M7 (4m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	148048	500	
	2,9	**M7 (4m)**	22	13	14995	**111,53**	**VR773.1K-3E180L/4D**	145658	539	
	3,3	**M6 (3m)**	22	15	13139	**97,55**	**VR773.1K-3E180L/4D**	160945	539	
	3,8	**M6 (3m)**	22	17	11562	**85,99**	**VR773.1K-3E180L/4D**	162381	539	
	4,2	**M6 (3m)**	30	19	14008	**76,29**	**VR773.1K-3E200L/4D**	159676	585	
	4,8	**M6 (3m)**	30	22	12550	**68,02**	**VR773.1K-3E200L/4D**	161312	585	
	4,9	**M6 (3m)**	30	22	12091	**65,59**	**VR773.1K-3E200L/4D**	161292	585	
	5,7	**M6 (3m)**	37	26	12897	**56,82**	**VR773.1K-3E225S/4C**	158357	621	
	6,6	**M5 (2m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	168060	621	
	1,9	**M8 (5m)**	11	8,6	11464	**170,32**	**VR873.1K-3E160M/4C**	105849	800	374
	2,1	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	2,4	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4D**	125889	825	
	2,8	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	3,1	**M8 (5m)**	18,5	14	11684	**102,78**	**VR873.1K-3E180M/4C**	136441	875	
	3,6	**M8 (5m)**	22	16	12301	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	4,0	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	4,4	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	4,7	**M8 (5m)**	30	21	12765	**69,01**	**VR873.1K-3E200L/4D**	147581	965	

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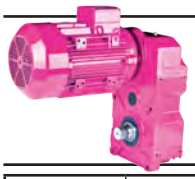
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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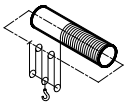

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø420	5,4	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	374
	6,1	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	6,9	**M8 (5m)**	45	32	13006	**46,82**	**VR873.1K-3E225M/4D**	145524	1065	
Ø440	1,4	**M7 (4m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	134569	480	373
	1,7	**M7 (4m)**	11	7,3	13442	**200,14**	**VR773.1K-3E160M/4C**	140636	480	
	2,0	**M7 (4m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	140118	500	
	2,3	**M7 (4m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	144686	500	
	2,6	**M6 (3m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	163612	500	
	3,0	**M6 (3m)**	18,5	13	12609	**111,53**	**VR773.1K-3E180M/4C**	161940	529	
	3,5	**M6 (3m)**	22	15	13139	**97,55**	**VR773.1K-3E180L/4D**	160945	539	
	3,9	**M6 (3m)**	30	17	15767	**85,99**	**VR773.1K-3E200L/4D**	157848	539	
	4,5	**M6 (3m)**	30	19	14008	**76,29**	**VR773.1K-3E200L/4D**	159676	585	
	5,0	**M5 (2m)**	30	22	12550	**68,02**	**VR773.1K-3E200L/4D**	171422	585	
	5,2	**M5 (2m)**	30	22	12091	**65,59**	**VR773.1K-3E200L/4D**	171372	585	
	2,0	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	2,2	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	2,5	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4D**	125889	825	
	2,9	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	3,3	**M8 (5m)**	22	14	13895	**102,78**	**VR873.1K-3E180L/4D**	134685	890	
	3,7	**M8 (5m)**	22	16	12301	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	4,2	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	4,6	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	4,9	**M8 (5m)**	30	21	12765	**69,01**	**VR873.1K-3E200L/4D**	147581	965	
	5,6	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	6,4	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	7,3	**M8 (5m)**	45	32	13006	**46,82**	**VR873.1K-3E225M/4D**	145524	1065	
Ø460	1,5	**M7 (4m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	134569	480	373
	1,7	**M7 (4m)**	11	7,3	13442	**200,14**	**VR773.1K-3E160M/4C**	140636	480	
	2,1	**M6 (3m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	161330	500	
	2,3	**M6 (3m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	162688	500	
	2,7	**M6 (3m)**	18,5	11	14532	**128,81**	**VR773.1K-3E180M/4C**	160648	500	
	3,1	**M6 (3m)**	18,5	13	12609	**111,53**	**VR773.1K-3E180M/4C**	161940	529	
	3,5	**M6 (3m)**	22	15	13139	**97,55**	**VR773.1K-3E180L/4D**	160945	539	
	4,0	**M6 (3m)**	30	17	15767	**85,99**	**VR773.1K-3E200L/4D**	157848	585	
	4,6	**M5 (2m)**	30	19	14008	**76,29**	**VR773.1K-3E200L/4D**	170703	585	
	5,1	**M5 (2m)**	30	22	12550	**68,02**	**VR773.1K-3E200L/4D**	171422	585	
	5,3	**M5 (2m)**	30	22	12091	**65,59**	**VR773.1K-3E200L/4D**	171372	585	
	2,0	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	2,3	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	2,6	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4D**	125889	825	
	3,0	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	3,4	**M8 (5m)**	22	14	13895	**102,78**	**VR873.1K-3E180L/4D**	134685	890	
	3,8	**M8 (5m)**	22	16	12301	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	4,3	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	4,7	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	5,0	**M8 (5m)**	30	21	12765	**69,01**	**VR873.1K-3E200L/4D**	147581	965	
	5,8	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	6,5	**M8 (5m)**	45	28	14711	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	7,4	**M8 (5m)**	45	32	13006	**46,82**	**VR873.1K-3E225M/4D**	145524	1065	

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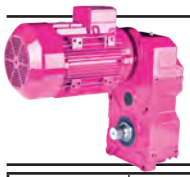

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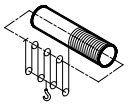

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø280	0,8	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	0,8	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,0	**M8 (5m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	96243	302	
	1,2	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100847	302	
	1,3	**M8 (5m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	101595	359	
	1,6	**M8 (5m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	105095	359	
	1,8	**M7 (4m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	116815	359	
	2,1	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	2,4	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	2,8	**M7 (4m)**	18,5	25	6623	**58,54**	**VR673.1K-3E180M/4C**	117739	408	
	1,9	**M8 (5m)**	11	17	5801	**85,99**	**VR773.1K-3E160M/4C**	147036	480	373
	2,1	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	2,4	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	
	2,5	**M8 (5m)**	15	22	6046	**65,59**	**VR773.1K-3E160L/4D**	149571	500	
	2,9	**M8 (5m)**	18,5	26	6448	**56,82**	**VR773.1K-3E180M/4C**	147287	529	
	3,3	**M8 (5m)**	22	30	6707	**49,45**	**VR773.1K-3E180L/4D**	145321	529	
Ø300	0,8	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	0,9	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,1	**M8 (5m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	96243	302	
	1,3	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100847	302	
	1,4	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	1,7	**M7 (4m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	114875	359	
	2,0	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	113998	379	
	2,3	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	2,6	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4D**	117837	379	
	3,0	**M6 (3m)**	18,5	25	6623	**58,54**	**VR673.1K-3E180M/4C**	124880	408	
	1,6	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	373
	1,8	**M8 (5m)**	11	15	6569	**97,55**	**VR773.1K-3E160M/4C**	144234	480	
	2,0	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	2,3	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	2,5	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4D**	149785	500	
	2,6	**M8 (5m)**	18,5	22	7456	**65,59**	**VR773.1K-3E180M/4C**	148050	500	
	3,1	**M8 (5m)**	18,5	26	6448	**56,82**	**VR773.1K-3E180M/4C**	147287	529	
	3,5	**M8 (5m)**	22	30	6707	**49,45**	**VR773.1K-3E180L/4D**	145321	539	
Ø320	0,9	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	1,0	**M8 (5m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	89848	302	
	1,1	**M8 (5m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	96243	302	
	1,4	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	1,5	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	1,8	**M7 (4m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	114875	359	
	2,1	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	113998	379	
	2,4	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	116054	379	
	2,8	**M6 (3m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	123716	408	
	3,2	**M6 (3m)**	18,5	25	6623	**58,54**	**VR673.1K-3E180M/4C**	124880	408	
	1,4	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	373
	1,7	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	1,9	**M8 (5m)**	11	15	6569	**97,55**	**VR773.1K-3E160M/4C**	144234	480	
	2,1	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	2,4	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	2,7	**M8 (5m)**	18,5	22	7739	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	2,8	**M8 (5m)**	18,5	22	7456	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	3,3	**M8 (5m)**	22	26	7668	**56,82**	**VR773.1K-3E180L/4D**	145972	529	
	3,7	**M8 (5m)**	22	30	6707	**49,45**	**VR773.1K-3E180L/4D**	145321	539	
Ø340	0,9	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	372
	1,0	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	

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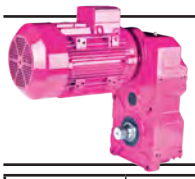

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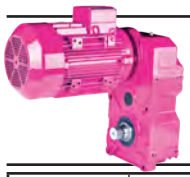
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø340	1,2	**M7 (4m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	110778	302	372
	1,5	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	1,6	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	1,9	**M7 (4m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	111606	359	
	2,2	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	2,6	**M6 (3m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4D**	124542	379	
	2,9	**M6 (3m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	123716	408	
	3,4	**M6 (3m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	123233	418	
	1,2	**M8 (5m)**	7,5	8,8	7633	**166,50**	**VR773.1K-3E132M/4D**	129498	423	373
	1,3	**M8 (5m)**	11	9,8	10031	**148,95**	**VR773.1K-3E160M/4C**	132294	423	
	1,5	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	1,8	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	2,0	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	2,3	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	2,6	**M8 (5m)**	15	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	500	
	2,9	**M8 (5m)**	18,5	22	7739	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	3,0	**M8 (5m)**	18,5	22	7456	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	3,5	**M8 (5m)**	22	26	7668	**56,82**	**VR773.1K-3E180L/4D**	145972	539	
	4,0	**M8 (5m)**	30	30	9146	**49,45**	**VR773.1K-3E200L/4D**	142692	585	
Ø360	1,0	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	372
	1,1	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	1,3	**M7 (4m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	110778	302	
	1,5	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	1,7	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	2,0	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	2,4	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	2,7	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	3,1	**M6 (3m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	123716	408	
	3,6	**M6 (3m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	123233	418	
	0,9	**M8 (5m)**	5,5	6,2	7860	**233,77**	**VR773.1K-3E132S/4C**	114944	413	373
	1,0	**M8 (5m)**	7,5	7,3	9196	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	1,2	**M8 (5m)**	7,5	8,8	7633	**166,50**	**VR773.1K-3E132M/4D**	129498	423	
	1,4	**M8 (5m)**	11	9,8	10031	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	1,6	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	1,9	**M8 (5m)**	11	13	7497	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	2,1	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	2,4	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	2,7	**M8 (5m)**	18,5	19	7028	**76,29**	**VR773.1K-3E160L/4D**	147444	529	
	3,1	**M8 (5m)**	18,5	22	7739	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	3,2	**M8 (5m)**	18,5	22	7456	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	3,7	**M8 (5m)**	22	26	7668	**56,82**	**VR773.1K-3E180L/4D**	145972	539	
	4,2	**M8 (5m)**	30	30	9146	**49,45**	**VR773.1K-3E200L/4D**	142692	585	
Ø380	1,0	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	372
	1,1	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	1,4	**M7 (4m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	106246	359	
	1,6	**M6 (3m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	123236	359	
	1,8	**M6 (3m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	124506	359	
	2,1	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	2,5	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	2,9	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	3,3	**M6 (3m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	121840	408	
	3,8	**M5 (2m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	130958	418	
	0,9	**M8 (5m)**	5,5	6,2	7860	**233,77**	**VR773.1K-3E132S/4C**	114944	413	373
	1,1	**M8 (5m)**	7,5	7,3	9196	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	1,3	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	423	
	1,5	**M8 (5m)**	11	9,8	10031	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	1,7	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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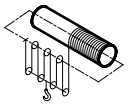

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø380	2,0	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	373
	2,2	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	2,5	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	2,9	**M8 (5m)**	18,5	19	8668	**76,29**	**VR773.1K-3E180M/4C**	145676	529	
	3,2	**M8 (5m)**	18,5	22	7739	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	3,3	**M8 (5m)**	22	22	8867	**65,59**	**VR773.1K-3E180L/4D**	146529	539	
	3,9	**M8 (5m)**	30	26	10457	**56,82**	**VR773.1K-3E200L/4D**	142965	539	
	4,4	**M8 (5m)**	30	30	9146	**49,45**	**VR773.1K-3E200L/4D**	142692	585	
Ø400	1,1	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	372
	1,2	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	1,4	**M6 (3m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	1,7	**M6 (3m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	123236	359	
	1,9	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	120668	359	
	2,3	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	2,6	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	120914	379	
	3,0	**M5 (2m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	131680	408	
	3,5	**M5 (2m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	130270	418	
	1,0	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	1,1	**M8 (5m)**	7,5	7,3	9196	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	1,4	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	1,5	**M8 (5m)**	11	9,8	10031	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	1,8	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	2,1	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	2,4	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	2,7	**M8 (5m)**	18,5	17	9756	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	3,0	**M8 (5m)**	18,5	19	8668	**76,29**	**VR773.1K-3E180M/4C**	145676	529	
	3,4	**M8 (5m)**	22	22	9203	**68,02**	**VR773.1K-3E180L/4D**	146628	539	
	3,5	**M8 (5m)**	22	22	8867	**65,59**	**VR773.1K-3E180L/4D**	146529	539	
	4,1	**M8 (5m)**	30	26	10457	**56,82**	**VR773.1K-3E200L/4D**	142965	585	
	4,7	**M7 (4m)**	30	30	9146	**49,45**	**VR773.1K-3E200L/4D**	151409	585	
Ø420	1,1	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	372
	1,3	**M6 (3m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	127293	302	
	1,5	**M6 (3m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	1,8	**M6 (3m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	123236	359	
	2,0	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	120668	379	
	2,4	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	2,8	**M5 (2m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	131243	408	
	3,2	**M5 (2m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	131680	408	
	3,6	**M5 (2m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	130270	418	
	1,0	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	1,2	**M8 (5m)**	7,5	7,3	9196	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	1,5	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	1,6	**M8 (5m)**	11	9,8	10031	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	1,9	**M8 (5m)**	11	11	8670	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	2,2	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	2,5	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	2,8	**M8 (5m)**	18,5	17	9756	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	3,2	**M8 (5m)**	18,5	19	8668	**76,29**	**VR773.1K-3E180M/4C**	145676	529	
	3,6	**M8 (5m)**	22	22	9203	**68,02**	**VR773.1K-3E180L/4D**	146628	539	
	3,7	**M8 (5m)**	22	22	8867	**65,59**	**VR773.1K-3E180L/4D**	146529	539	
	4,3	**M7 (4m)**	30	26	10457	**56,82**	**VR773.1K-3E200L/4D**	151779	585	
	4,9	**M7 (4m)**	30	30	9146	**49,45**	**VR773.1K-3E200L/4D**	151409	585	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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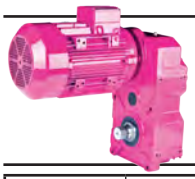
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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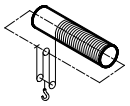

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø360	2,4	**M8 (5m)**	18,5	8,7	19214	**170,32**	**VR873.1K-3E180M/4C**	99554	875	374
	2,7	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	3,1	**M8 (5m)**	22	11	18080	**134,22**	**VR873.1K-3E180L/4D**	121311	890	
	3,6	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	4,1	**M7 (4m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	144923	965	
	4,6	**M7 (4m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	145621	1025	
	5,1	**M7 (4m)**	37	18	18460	**81,40**	**VR873.1K-3E225S/4C**	149184	1025	
	5,7	**M7 (4m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	6,0	**M7 (4m)**	45	21	19056	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	6,9	**M6 (3m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	161465	1180	
	7,9	**M6 (3m)**	55	28	17895	**53,03**	**VR873.1K-3E250M/4D**	161552	1180	
	9,0	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-3G280S/4**	156863	1310	
Ø380	2,6	**M8 (5m)**	18,5	8,7	19214	**170,32**	**VR873.1K-3E180M/4C**	99554	875	374
	2,9	**M7 (4m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	133124	890	
	3,3	**M7 (4m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	3,8	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	4,3	**M7 (4m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	144923	965	
	4,8	**M7 (4m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	145621	1025	
	5,4	**M7 (4m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	146005	1065	
	6,0	**M6 (3m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	160600	1065	
	6,4	**M6 (3m)**	45	21	19056	**69,01**	**VR873.1K-3E225M/4D**	162663	1065	
	7,3	**M6 (3m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	161465	1180	
	8,3	**M6 (3m)**	75	28	24402	**53,03**	**VR873.1K-3G280S/4**	156370	1310	
	9,5	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-3G280S/4**	156863	1310	
Ø400	2,7	**M7 (4m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	122901	890	374
	3,0	**M7 (4m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	133124	890	
	3,4	**M7 (4m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	4,0	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	4,5	**M7 (4m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	141412	970	
	5,1	**M6 (3m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	159350	1025	
	5,7	**M6 (3m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	158347	1065	
	6,3	**M6 (3m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	160600	1065	
	6,7	**M6 (3m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	159292	1180	
	7,7	**M6 (3m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	161465	1180	
	8,8	**M6 (3m)**	75	28	24402	**53,03**	**VR873.1K-3G280S/4**	156370	1310	
	10,0	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-3G280S/4**	156863	1310	
Ø420	2,9	**M7 (4m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	122901	890	374
	3,2	**M7 (4m)**	30	9,6	28093	**152,83**	**VR873.1K-2ED180L/4D**	127139	890	
	3,6	**M7 (4m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	4,2	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	4,7	**M6 (3m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	156901	970	
	5,3	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	155793	1065	
	6,0	**M6 (3m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	158347	1065	
	6,7	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	157024	1180	
	7,1	**M6 (3m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	159292	1180	
	8,1	**M6 (3m)**	75	25	27716	**60,33**	**VR873.1K-3G280S/4**	155573	1310	
	9,2	**M5 (2m)**	75	28	24402	**53,03**	**VR873.1K-3G280S/4**	166537	1310	
	10,5	**M5 (2m)**	75	32	21530	**46,82**	**VR873.1K-3G280S/4**	166925	1310	
Ø440	3,0	**M7 (4m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	122901	890	374
	3,3	**M7 (4m)**	30	9,6	28093	**152,83**	**VR873.1K-2ED180L/4D**	127139	890	
	3,8	**M7 (4m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	4,4	**M6 (3m)**	37	13	21431	**116,84**	**VR873.1K-2ED200L/4D**	154117	970	
	5,0	**M6 (3m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	156901	970	
	5,6	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	155793	1065	
	6,3	**M6 (3m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	158347	1065	
	7,0	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	157024	1180	
	7,4	**M6 (3m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	159292	1180	
	8,5	**M5 (2m)**	75	25	27716	**60,33**	**VR873.1K-3G280S/4**	165849	1310	
	9,7	**M5 (2m)**	75	28	24402	**53,03**	**VR873.1K-3G280S/4**	166537	1310	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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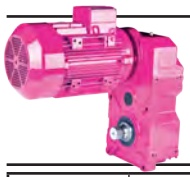
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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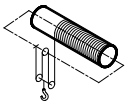

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø440	11,0	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-3G280M/4**	163494	1370	374
Ø460	3,1	**M6 (3m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	154739	890	374
	3,5	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-2ED180L/4D**	152473	890	
	4,0	**M6 (3m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	155606	965	
	4,6	**M6 (3m)**	37	13	26432	**116,84**	**VR873.1K-2ED200L/4D**	154117	970	
	5,2	**M6 (3m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	156901	970	
	5,9	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	155793	1065	
	6,6	**M5 (2m)**	55	18	27441	**81,40**	**VR873.1K-3E250M/4D**	167962	1180	
	7,3	**M5 (2m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	169288	1180	
	7,7	**M5 (2m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	170512	1180	
	8,9	**M5 (2m)**	75	25	27716	**60,33**	**VR873.1K-3G280S/4**	165849	1310	
	10,1	**M5 (2m)**	75	28	24402	**53,03**	**VR873.1K-3G280S/4**	166537	1310	
	11,5	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-3G280M/4**	163494	1370	
Ø480	3,3	**M6 (3m)**	30	8,7	31158	**170,32**	**VR873.1K-2ED180L/4D**	148105	890	374
	3,6	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-2ED180L/4D**	152473	890	
	4,1	**M6 (3m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	155606	965	
	4,8	**M5 (2m)**	37	13	26432	**116,84**	**VR873.1K-2ED200L/4D**	174392	970	
	6,1	**M5 (2m)**	45	14	25109	**91,16**	**VR873.1K-3E225M/4D**	171049	1065	
	6,8	**M5 (2m)**	55	16	27441	**81,40**	**VR873.1K-3E250M/4D**	167962	1180	
	7,6	**M5 (2m)**	55	18	24686	**73,09**	**VR873.1K-3E250M/4D**	169288	1180	
	8,1	**M5 (2m)**	75	20	31760	**69,01**	**VR873.1K-3G280S/4**	163755	1310	
	9,3	**M4 (1Am)**	75	21	27716	**60,33**	**VR873.1K-3G280S/4**	176717	1310	
	10,5	**M4 (1Am)**	75	25	24402	**53,03**	**VR873.1K-3G280S/4**	177292	1310	
	12,0	**M4 (1Am)**	90	28	25836	**46,82**	**VR873.1K-3G280M/4**	174140	1370	
Ø500	3.4	**M6 (3m)**	30	8,7	31158	**170,32**	**VR873.1K-2ED180L/4D**	148105	890	374
	3.8	**M5 (2m)**	30	9,6	28093	**152,83**	**VR873.1K-2ED180L/4D**	182835	890	
	4.3	**M5 (2m)**	37	11	30407	**134,22**	**VR873.1K-2ED200L/4D**	175358	970	
	5.0	**M5 (2m)**	37	13	26432	**116,84**	**VR873.1K-2ED200L/4D**	174392	970	
	6.4	**M5 (2m)**	45	14	25109	**91,16**	**VR873.1K-3E225M/4D**	171049	1065	
	7.1	**M4 (1Am)**	55	16	27441	**81,40**	**VR873.1K-3E250M/4D**	182603	1180	
	7.9	**M4 (1Am)**	75	18	33663	**73,09**	**VR873.1K-3G280S/4**	175241	1310	
	8.4	**M4 (1Am)**	75	20	31760	**69,01**	**VR873.1K-3G280S/4**	175686	1310	
	9.6	**M4 (1Am)**	75	21	27716	**60,33**	**VR873.1K-3G280S/4**	176717	1310	
	11.0	**M4 (1Am)**	90	25	29282	**53,03**	**VR873.1K-3G280M/4**	173401	1370	
	12.4	**M4 (1Am)**	90	28	25836	**46,82**	**VR873.1K-3G280M/4**	174140	1370	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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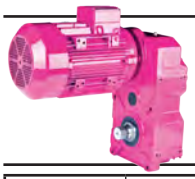
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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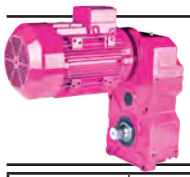
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø360	1,2	**M7 (4m)**	11	6,3	15613	**233,77**	**VR773.1K-3E160M/4C**	134471	480	373
	1,4	**M7 (4m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	140563	480	
	1,7	**M6 (3m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	161330	500	
	1,9	**M6 (3m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	162688	500	
	2,2	**M6 (3m)**	18,5	11	14483	**128,81**	**VR773.1K-3E180M/4C**	160619	500	
	2,5	**M6 (3m)**	18,5	13	12567	**111,53**	**VR773.1K-3E180M/4C**	161914	529	
	2,8	**M6 (3m)**	22	15	13139	**97,55**	**VR773.1K-3E180L/4D**	160945	539	
	3,2	**M6 (3m)**	30	17	15767	**85,99**	**VR773.1K-3E200L/4D**	157848	585	
	3,6	**M5 (2m)**	30	19	14008	**76,29**	**VR773.1K-3E200L/4D**	170703	585	
	4,1	**M5 (2m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	171417	585	
	4,2	**M5 (2m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	171366	585	
	4,9	**M5 (2m)**	37	26	12897	**56,82**	**VR773.1K-3E225S/4C**	168318	621	
	5,6	**M5 (2m)**	45	30	13673	**49,45**	**VR773.1K-3E225M/4D**	165440	645	
	1,6	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	1,8	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	2,1	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4D**	125889	825	
	2,4	**M8 (5m)**	18,5	13	13216	**116,84**	**VR873.1K-3E180M/4C**	130718	875	
	2,7	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	3,0	**M8 (5m)**	22	16	12342	**91,16**	**VR873.1K-3E180L/4D**	139526	890	
	3,4	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	3,8	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	4,0	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	4,6	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	5,3	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	5,9	**M8 (5m)**	45	32	12988	**46,82**	**VR873.1K-3E225M/4D**	145524	1065	
Ø380	1,3	**M6 (3m)**	11	6,3	15613	**233,77**	**VR773.1K-3E160M/4C**	168604	480	373
	1,5	**M6 (3m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	166812	480	
	1,8	**M6 (3m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	161330	500	
	2,0	**M6 (3m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	162688	500	
	2,3	**M6 (3m)**	18,5	11	14483	**128,81**	**VR773.1K-3E180M/4C**	160619	529	
	2,6	**M5 (2m)**	22	13	14944	**111,53**	**VR773.1K-3E180L/4D**	174576	529	
	3,0	**M5 (2m)**	22	15	13139	**97,55**	**VR773.1K-3E180L/4D**	174450	539	
	3,4	**M5 (2m)**	30	17	15767	**85,99**	**VR773.1K-3E200L/4D**	169983	585	
	3,8	**M5 (2m)**	30	19	14008	**76,29**	**VR773.1K-3E200L/4D**	170703	585	
	4,3	**M5 (2m)**	37	22	15426	**68,02**	**VR773.1K-3E225S/4C**	168271	585	
	4,5	**M5 (2m)**	37	22	14862	**65,59**	**VR773.1K-3E225S/4C**	168334	621	
	5,2	**M5 (2m)**	37	26	12897	**56,82**	**VR773.1K-3E225S/4C**	168318	621	
	5,9	**M4 (1Am)**	45	30	13673	**49,45**	**VR773.1K-3E225M/4D**	175859	645	
	1,7	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	1,9	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	2,2	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	2,5	**M8 (5m)**	18,5	13	13216	**116,84**	**VR873.1K-3E180M/4C**	130718	875	
	2,9	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	3,2	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135959	965	
	3,6	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	4,0	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	4,3	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	4,9	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	5,5	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	6,3	**M8 (5m)**	45	32	12988	**46,82**	**VR873.1K-3E225M/4D**	145524	1065	
Ø400	1,3	**M6 (3m)**	11	6,3	15613	**233,77**	**VR773.1K-3E160M/4C**	168604	480	373
	1,5	**M6 (3m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	166812	480	
	1,8	**M6 (3m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	161330	500	
	2,1	**M5 (2m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	183216	500	
	2,4	**M5 (2m)**	18,5	11	14483	**128,81**	**VR773.1K-3E180M/4C**	178098	529	
	2,8	**M5 (2m)**	22	13	14944	**111,53**	**VR773.1K-3E180L/4D**	174576	539	
	3,2	**M5 (2m)**	30	15	17917	**97,55**	**VR773.1K-3E200L/4D**	169299	539	
	3,6	**M5 (2m)**	30	17	15767	**85,99**	**VR773.1K-3E200L/4D**	169983	585	
	4,0	**M4 (1Am)**	30	19	14008	**76,29**	**VR773.1K-3E200L/4D**	182425	585	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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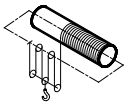

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø400	4,5	**M4 (1Am)**	37	22	15426	**68,02**	**VR773.1K-3E225S/4C**	178963	621	373
	4,7	**M4 (1Am)**	37	22	14862	**65,59**	**VR773.1K-3E225S/4C**	178995	621	
	5,4	**M4 (1Am)**	45	26	15685	**56,82**	**VR773.1K-3E225M/4D**	175850	645	
	6,2	**M4 (1Am)**	45	30	13673	**49,45**	**VR773.1K-3E225M/4D**	175859	645	
	1,8	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	2,0	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	2,3	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	2,6	**M8 (5m)**	22	13	15716	**116,84**	**VR873.1K-3E180L/4D**	128730	890	
	3,0	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	3,4	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135959	965	
	3,8	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	4,2	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	4,5	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	5,1	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	5,8	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	6,6	**M7 (4m)**	55	32	15874	**46,82**	**VR873.1K-3E250M/4D**	152135	1180	
Ø420	1,4	**M6 (3m)**	11	6,3	15613	**233,77**	**VR773.1K-3E160M/4C**	168604	480	373
	1,6	**M5 (2m)**	15	7,3	18267	**200,14**	**VR773.1K-3E160L/4D**	193027	500	
	1,9	**M5 (2m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	186013	500	
	2,2	**M5 (2m)**	18,5	9,9	16812	**148,95**	**VR773.1K-3E180M/4C**	179786	500	
	2,5	**M5 (2m)**	18,5	11	14483	**128,81**	**VR773.1K-3E180M/4C**	178098	529	
	2,9	**M5 (2m)**	22	13	14944	**111,53**	**VR773.1K-3E180L/4D**	174576	539	
	3,3	**M4 (1Am)**	30	15	17917	**97,55**	**VR773.1K-3E200L/4D**	183846	585	
	3,8	**M4 (1Am)**	30	17	15767	**85,99**	**VR773.1K-3E200L/4D**	182960	585	
	4,2	**M4 (1Am)**	30	19	14008	**76,29**	**VR773.1K-3E200L/4D**	182425	585	
	4,8	**M4 (1Am)**	37	22	15426	**68,02**	**VR773.1K-3E225S/4C**	178963	621	
	4,9	**M4 (1Am)**	37	22	14862	**65,59**	**VR773.1K-3E225S/4C**	178995	621	
	5,7	**M4 (1Am)**	45	26	15685	**56,82**	**VR773.1K-3E225M/4D**	175850	645	
	1,9	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	2,1	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	2,4	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	2,8	**M8 (5m)**	22	13	15716	**116,84**	**VR873.1K-3E180L/4D**	128730	890	
	3,2	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130648	965	
	3,5	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135959	965	
	4,0	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	4,4	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	4,7	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	5,4	**M8 (5m)**	45	24	16708	**60,33**	**VR873.1K-3E225M/4D**	145819	1065	
	6,1	**M7 (4m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	154749	1065	
	6,9	**M7 (4m)**	55	32	15874	**46,82**	**VR873.1K-3E250M/4D**	152135	1180	
Ø440	2,0	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	2,2	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	2,5	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	2,9	**M8 (5m)**	22	13	15716	**116,84**	**VR873.1K-3E180L/4D**	128730	890	
	3,3	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130648	965	
	3,7	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135959	965	
	4,2	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	4,6	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	4,9	**M7 (4m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	155040	1025	
	5,6	**M7 (4m)**	45	24	16708	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	6,4	**M7 (4m)**	55	28	17943	**53,03**	**VR873.1K-3E250M/4D**	152151	1180	
	7,3	**M7 (4m)**	55	32	15874	**46,82**	**VR873.1K-3E250M/4D**	152135	1180	
Ø460	2,0	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	2,3	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	2,6	**M8 (5m)**	22	11	18080	**134,22**	**VR873.1K-3E180L/4D**	121311	890	
	3,0	**M8 (5m)**	22	13	15716	**116,84**	**VR873.1K-3E180L/4D**	128730	890	
	3,4	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130648	965	

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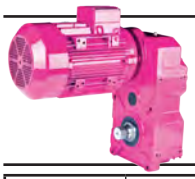

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø460	3,8	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135959	965	374
	4,3	**M8 (5m)**	37	18	18561	**81,40**	**VR873.1K-3E225S/4C**	137589	1025	
	4,8	**M7 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	152246	1025	
	5,0	**M7 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	155040	1025	
	5,8	**M7 (5m)**	45	24	16708	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	6,6	**M7 (4m)**	55	28	17943	**53,03**	**VR873.1K-3E250M/4D**	152151	1180	
	7,4	**M7 (4m)**	55	32	15874	**46,82**	**VR873.1K-3E250M/4D**	152135	1180	

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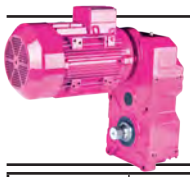

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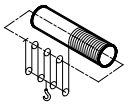

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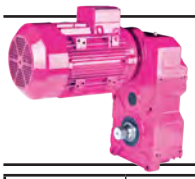
Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø300	0,8	**M7 (4m)**	7,5	6,9	9705	**213,15**	**VR673.1K-3E132M/4D**	101210	302	372
	0,9	**M7 (4m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	107152	302	
	1,1	**M7 (4m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	106217	359	
	1,3	**M6 (3m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	123203	359	
	1,4	**M6 (3m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	124506	359	
	1,7	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	2,0	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4D**	123378	379	
	2,3	**M6 (3m)**	18,5	19	8590	**76,17**	**VR673.1K-3E180M/4C**	122393	408	
	2,6	**M6 (3m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	121840	408	
	3,0	**M5 (2m)**	22	25	7903	**58,54**	**VR673.1K-3E180L/4D**	130962	418	
	0,7	**M8 (5m)**	5,5	6,2	7860	**233,77**	**VR773.1K-3E132S/4C**	114944	413	373
	0,9	**M8 (5m)**	7,5	7,3	9165	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	1,0	**M8 (5m)**	7,5	8,8	7633	**166,50**	**VR773.1K-3E132M/4D**	129498	423	
	1,2	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	1,3	**M8 (5m)**	11	11	8641	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	1,6	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	480	
	1,8	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	2,0	**M8 (5m)**	15	17	7910	**85,99**	**VR773.1K-3E160L/4D**	144762	500	
	2,3	**M8 (5m)**	18,5	19	8639	**76,29**	**VR773.1K-3E180M/4C**	145661	529	
	2,6	**M8 (5m)**	18,5	22	7713	**68,02**	**VR773.1K-3E180M/4C**	148191	529	
	2,6	**M8 (5m)**	22	22	8867	**65,59**	**VR773.1K-3E180L/4D**	146529	529	
	3,0	**M8 (5m)**	22	26	7694	**56,82**	**VR773.1K-3E180L/4D**	145986	539	
	3,5	**M8 (5m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø320	0,9	**M7 (4m)**	7,5	6,9	9705	**213,15**	**VR673.1K-3E132M/4D**	101210	302	372
	1,0	**M7 (4m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	107152	302	
	1,1	**M6 (3m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	122536	359	
	1,4	**M6 (3m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	123203	359	
	1,5	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	120668	359	
	1,8	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	2,1	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	120914	379	
	2,4	**M5 (2m)**	18,5	19	8590	**76,17**	**VR673.1K-3E180M/4C**	131671	408	
	2,8	**M5 (2m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	130270	418	
	3,2	**M5 (2m)**	30	25	10777	**58,54**	**VR673.1K-3E200L/4D**	127185	464	
	0,8	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	0,9	**M8 (5m)**	7,5	7,3	9165	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	1,1	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	1,2	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	1,4	**M8 (5m)**	11	11	8641	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	1,7	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	1,9	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	2,1	**M8 (5m)**	18,5	17	9756	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	2,4	**M8 (5m)**	18,5	19	8639	**76,29**	**VR773.1K-3E180M/4C**	145661	529	
	2,7	**M8 (5m)**	22	22	9172	**68,02**	**VR773.1K-3E180L/4D**	146618	539	
	2,8	**M8 (5m)**	22	22	8867	**65,59**	**VR773.1K-3E180L/4D**	146529	539	
	3,2	**M8 (5m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	142970	585	
	3,7	**M7 (4m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	151398	585	
Ø340	0,9	**M6 (3m)**	7,5	6,9	9705	**213,15**	**VR673.1K-3E132M/4D**	126919	302	372
	1,0	**M6 (3m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	127223	302	
	1,2	**M6 (3m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	122536	359	
	1,5	**M6 (3m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	123203	359	
	1,6	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	120668	379	
	1,9	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	122100	379	
	2,2	**M5 (2m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	131243	408	
	2,6	**M5 (2m)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	129536	408	
	2,9	**M5 (2m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	130270	418	
	3,4	**M5 (2m)**	30	25	10777	**58,54**	**VR673.1K-3E200L/4D**	127185	464	
	0,8	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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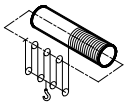

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø340	1,0	**M8 (5m)**	7,5	7,3	9165	**200,14**	**VR773.1K-3E132M/4D**	122543	423	373
	1,2	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	1,3	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	1,5	**M8 (5m)**	11	11	8641	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	1,8	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	2,0	**M8 (5m)**	15	15	8958	**97,55**	**VR773.1K-3E160L/4D**	141659	500	
	2,3	**M8 (5m)**	18,5	17	9756	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	2,6	**M8 (5m)**	18,5	19	8639	**76,29**	**VR773.1K-3E180M/4C**	145661	529	
	2,9	**M8 (5m)**	22	22	9172	**68,02**	**VR773.1K-3E180L/4D**	146618	539	
	3,0	**M8 (5m)**	22	22	8867	**65,59**	**VR773.1K-3E180L/4D**	146529	539	
	3,5	**M7 (4m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	4,0	**M7 (4m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	151398	585	
Ø360	1,0	**M6 (3m)**	7,5	6,9	9705	**213,15**	**VR673.1K-3E132M/4D**	126919	302	372
	1,1	**M6 (3m)**	11	7,7	12686	**189,61**	**VR673.1K-3E160M/4C**	121919	359	
	1,3	**M6 (3m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	122536	359	
	1,5	**M6 (3m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4D**	118902	359	
	1,7	**M5 (2m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	134063	379	
	2,0	**M5 (2m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4D**	133758	379	
	2,4	**M5 (2m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	131243	408	
	2,7	**M5 (2m)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	129536	418	
	3,1	**M5 (2m)**	30	22	12241	**66,59**	**VR673.1K-3E200L/4D**	125981	418	
	3,5	**M5 (2m)**	30	25	10777	**58,54**	**VR673.1K-3E200L/4D**	127185	464	
	0,9	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	1,0	**M8 (5m)**	7,5	7,3	9165	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	1,2	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	1,4	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	1,6	**M8 (5m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	133702	500	
	1,9	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	2,1	**M8 (5m)**	18,5	15	11049	**97,55**	**VR773.1K-3E180M/4C**	139405	500	
	2,4	**M8 (5m)**	18,5	17	9756	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	2,7	**M7 (4m)**	22	19	10273	**76,29**	**VR773.1K-3E180L/4D**	153560	539	
	3,1	**M7 (4m)**	22	22	9172	**68,02**	**VR773.1K-3E180L/4D**	155561	539	
	3,2	**M7 (4m)**	30	22	12091	**65,59**	**VR773.1K-3E200L/4D**	151972	585	
	3,7	**M7 (4m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	4,2	**M7 (4m)**	30	30	9115	**49,45**	**VR773.1K-3E200L/4D**	151398	585	
	2,9	**M8 (5m)**	22	20	9888	**73,09**	**VR873.1K-3E180L/4D**	146980	890	374
	3,0	**M8 (5m)**	22	21	9329	**69,01**	**VR873.1K-3E180L/4D**	150258	890	
	3,4	**M8 (5m)**	30	24	11177	**60,33**	**VR873.1K-3E200L/4D**	150256	965	
	3,9	**M8 (5m)**	30	28	9807	**53,03**	**VR873.1K-3E200L/4D**	149644	965	
	4,5	**M8 (5m)**	37	32	10693	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø380	1,0	**M6 (3m)**	7,5	6,9	9705	**213,15**	**VR673.1K-3E132M/4D**	126919	302	372
	1,2	**M6 (3m)**	11	7,7	12686	**189,61**	**VR673.1K-3E160M/4C**	121919	359	
	1,4	**M5 (2m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	141525	359	
	1,6	**M5 (2m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4D**	134529	379	
	1,8	**M5 (2m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	134063	379	
	2,1	**M5 (2m)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	130898	408	
	2,5	**M5 (2m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	131243	408	
	2,9	**M4 (1Am)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	139457	418	
	3,3	**M4 (1Am)**	30	22	12241	**66,59**	**VR673.1K-3E200L/4D**	134944	464	
	3,7	**M4 (1Am)**	30	25	10777	**58,54**	**VR673.1K-3E200L/4D**	135359	464	
	0,9	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	1,1	**M8 (5m)**	11	7,3	13442	**200,14**	**VR773.1K-3E160M/4C**	117932	480	
	1,3	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	1,5	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	1,7	**M8 (5m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	133702	500	
	2,0	**M8 (5m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	138024	500	
	2,2	**M8 (5m)**	18,5	15	11049	**97,55**	**VR773.1K-3E180M/4C**	139405	529	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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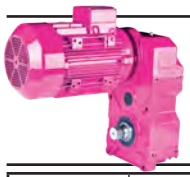
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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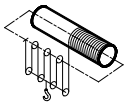

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø380	2,5	**M7 (4m)**	18,5	17	9756	**85,99**	**VR773.1K-3E180M/4C**	153284	529	373
	2,9	**M7 (4m)**	22	19	10273	**76,29**	**VR773.1K-3E180L/4D**	153560	539	
	3,2	**M7 (4m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	3,3	**M7 (4m)**	30	22	12091	**65,59**	**VR773.1K-3E200L/4D**	151972	585	
	3,9	**M7 (4m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	4,4	**M7 (4m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	149105	621	
	2,7	**M8 (5m)**	22	18	10999	**81,40**	**VR873.1K-3E180L/4D**	143544	890	374
	3,0	**M8 (5m)**	22	20	9888	**73,09**	**VR873.1K-3E180L/4D**	146980	890	
	3,2	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	3,6	**M8 (5m)**	30	24	11177	**60,33**	**VR873.1K-3E200L/4D**	150256	965	
	4,1	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	4,7	**M8 (5m)**	37	32	10693	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø400	1,1	**M5 (2m)**	11	6,9	14234	**213,15**	**VR673.1K-3E160M/4C**	153288	359	372
	1,2	**M5 (2m)**	11	7,7	12686	**189,61**	**VR673.1K-3E160M/4C**	145979	359	
	1,4	**M5 (2m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	141525	359	
	1,7	**M4 (1Am)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4D**	151963	379	
	1,9	**M4 (1Am)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	148787	379	
	2,3	**M4 (1Am)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	143568	408	
	2,6	**M4 (1Am)**	22	17	11789	**87,77**	**VR673.1K-3E180L/4D**	139905	418	
	3,0	**M4 (1Am)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	139457	418	
	1,0	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	1,1	**M8 (5m)**	11	7,3	13442	**200,14**	**VR773.1K-3E160M/4C**	117932	480	
	1,4	**M8 (5m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	1,5	**M8 (5m)**	11	9,9	9996	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	1,8	**M8 (5m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	133702	500	
	2,1	**M7 (4m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	150802	500	
	2,4	**M7 (4m)**	18,5	15	11049	**97,55**	**VR773.1K-3E180M/4C**	150936	529	
	2,7	**M7 (4m)**	22	17	11602	**85,99**	**VR773.1K-3E180L/4D**	151295	539	
	3,0	**M7 (4m)**	22	19	10273	**76,29**	**VR773.1K-3E180L/4D**	153560	539	
	3,4	**M7 (4m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	3,5	**M7 (4m)**	30	22	12091	**65,59**	**VR773.1K-3E200L/4D**	151972	585	
	4,1	**M7 (4m)**	30	26	10492	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	4,7	**M6 (3m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	158211	621	
	2,2	**M8 (5m)**	18,5	14	11684	**102,78**	**VR873.1K-3E180M/4C**	136441	875	374
	2,5	**M8 (5m)**	18,5	16	10379	**91,16**	**VR873.1K-3E180M/4C**	141084	875	
	2,8	**M8 (5m)**	22	18	10999	**81,40**	**VR873.1K-3E180L/4D**	143544	890	
	3,2	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	3,4	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	3,8	**M8 (5m)**	30	24	11177	**60,33**	**VR873.1K-3E200L/4D**	150256	965	
	4,4	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	4,9	**M8 (5m)**	37	32	10693	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø420	1,0	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	373
	1,2	**M8 (5m)**	11	7,3	13442	**200,14**	**VR773.1K-3E160M/4C**	117932	480	
	1,5	**M7 (4m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	144551	480	
	1,6	**M7 (4m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	144686	500	
	1,9	**M7 (4m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	148048	500	
	2,2	**M7 (4m)**	18,5	13	12609	**111,53**	**VR773.1K-3E180M/4C**	148230	529	
	2,5	**M7 (4m)**	18,5	15	11049	**97,55**	**VR773.1K-3E180M/4C**	150936	529	
	2,8	**M7 (4m)**	22	17	11602	**85,99**	**VR773.1K-3E180L/4D**	151295	539	
	3,2	**M6 (3m)**	30	19	14008	**76,29**	**VR773.1K-3E200L/4D**	159676	585	
	3,6	**M6 (3m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	161310	585	
	3,7	**M6 (3m)**	30	22	12091	**65,59**	**VR773.1K-3E200L/4D**	161292	585	
	4,3	**M6 (3m)**	37	26	12941	**56,82**	**VR773.1K-3E225S/4C**	158357	585	
	4,9	**M6 (3m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	158211	621	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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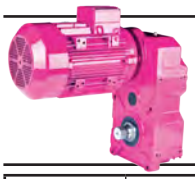
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø420	1,4	**M8 (5m)**	11	8,6	11503	**170,32**	**VR873.1K-3E160M/4C**	105936	800	374
	1,6	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	1,8	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4D**	125889	825	
	2,1	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	2,4	**M8 (5m)**	18,5	14	11684	**102,78**	**VR873.1K-3E180M/4C**	136441	875	
	2,7	**M8 (5m)**	22	16	12342	**91,16**	**VR873.1K-3E180L/4D**	139526	890	
	3,0	**M8 (5m)**	22	18	10999	**81,40**	**VR873.1K-3E180L/4D**	143544	890	
	3,3	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	3,5	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	4,0	**M8 (5m)**	30	24	11177	**60,33**	**VR873.1K-3E200L/4D**	150256	965	
	4,6	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	5,2	**M8 (5m)**	45	32	13006	**46,82**	**VR873.1K-3E225M/4D**	145524	1065	
Ø440	1,1	**M8 (5m)**	11	6,2	15720	**233,77**	**VR773.1K-3E160M/4C**	106471	480	373
	1,3	**M7 (4m)**	11	7,3	13442	**200,14**	**VR773.1K-3E160M/4C**	140636	480	
	1,5	**M7 (4m)**	11	8,8	11195	**166,50**	**VR773.1K-3E160M/4C**	144551	480	
	1,7	**M7 (4m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	144686	500	
	2,0	**M7 (4m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	148048	500	
	2,3	**M7 (4m)**	18,5	13	12609	**111,53**	**VR773.1K-3E180M/4C**	148230	529	
	2,6	**M6 (3m)**	22	15	13139	**97,55**	**VR773.1K-3E180L/4D**	160945	529	
	3,0	**M6 (3m)**	22	17	11602	**85,99**	**VR773.1K-3E180L/4D**	162396	539	
	3,3	**M6 (3m)**	30	19	14008	**76,29**	**VR773.1K-3E200L/4D**	159676	585	
	3,7	**M6 (3m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	161310	585	
	3,9	**M6 (3m)**	30	22	12091	**65,59**	**VR773.1K-3E200L/4D**	161292	585	
	1.5	**M8 (5m)**	11	8,6	11503	**170,32**	**VR873.1K-3E160M/4C**	105936	800	374
	1.7	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	1.9	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4D**	125889	825	
	2.2	**M8 (5m)**	18.5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	2.5	**M8 (5m)**	18.5	14	11684	**102,78**	**VR873.1K-3E180M/4C**	136441	875	
	2.8	**M8 (5m)**	22	16	12342	**91,16**	**VR873.1K-3E180L/4D**	139526	890	
	3.1	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	3.5	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	3.7	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	4.2	**M8 (5m)**	37	24	13785	**60,33**	**VR873.1K-3E225S/4C**	148186	1025	
	4.8	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	5.4	**M8 (5m)**	45	32	13006	**46,82**	**VR873.1K-3E225M/4D**	145524	1065	

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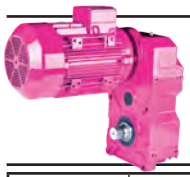

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø360	2,4	**M7 (4m)**	22	8,6	22927	**170,32**	**VR873.1K-3E180L/4D**	122983	890	374
	2,7	**M6 (3m)**	30	9,7	27998	**152,83**	**VR873.1K-2ED180L/4D**	152412	890	
	3,1	**M6 (3m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	155561	965	
	3,6	**M6 (3m)**	37	13	26378	**116,84**	**VR873.1K-2ED200L/4D**	154104	970	
	4,1	**M6 (3m)**	37	14	23242	**102,78**	**VR873.1K-2ED200L/4D**	156890	970	
	4,6	**M6 (3m)**	45	16	25126	**91,16**	**VR873.1K-3E225M/4D**	155794	1065	
	5,1	**M6 (3m)**	45	18	22467	**81,40**	**VR873.1K-3E225M/4D**	158348	1065	
	5,7	**M5 (2m)**	55	20	24603	**73,09**	**VR873.1K-3E250M/4D**	169292	1180	
	6,1	**M5 (2m)**	55	21	23212	**69,01**	**VR873.1K-3E250M/4D**	170518	1180	
	7,0	**M5 (2m)**	75	25	27660	**60,33**	**VR873.1K-3G280S/4**	165862	1310	
	7,9	**M5 (2m)**	75	28	24353	**53,03**	**VR873.1K-3G280S/4**	166546	1310	
	9,0	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-3G280M/4**	163494	1370	
Ø380	2,6	**M6 (3m)**	30	8,6	31264	**170,32**	**VR873.1K-2ED180L/4D**	148197	890	374
	2,9	**M6 (3m)**	30	9,7	27998	**152,83**	**VR873.1K-2ED180L/4D**	152412	890	
	3,3	**M6 (3m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	155561	965	
	3,8	**M6 (3m)**	37	13	26378	**116,84**	**VR873.1K-2ED200L/4D**	154104	970	
	4,8	**M5 (2m)**	45	14	25126	**91,16**	**VR873.1K-3E225M/4D**	171051	1065	
	5,4	**M5 (2m)**	55	16	27460	**81,40**	**VR873.1K-3E250M/4D**	167961	1180	
	6,0	**M5 (2m)**	55	18	24603	**73,09**	**VR873.1K-3E250M/4D**	169292	1180	
	6,4	**M5 (2m)**	75	20	31653	**69,01**	**VR873.1K-3G280S/4**	163784	1310	
	7,3	**M5 (2m)**	75	21	27660	**60,33**	**VR873.1K-3G280S/4**	165862	1310	
	8,4	**M4 (1Am)**	75	25	24353	**53,03**	**VR873.1K-3G280S/4**	177299	1310	
	9,5	**M4 (1Am)**	90	28	25836	**46,82**	**VR873.1K-3G280M/4**	174140	1370	
Ø400	2,7	**M6**	30	8,6	31264	**170,32**	**VR873.1K-2ED180L/4D**	148197	890	374
	3,0	**M5**	30	9,7	27998	**152,83**	**VR873.1K-2ED180L/4D**	182750	890	
	3,5	**M5**	37	11	24571	**134,22**	**VR873.1K-2ED200L/4D**	175314	970	
	4,0	**M5**	37	13	26378	**116,84**	**VR873.1K-2ED200L/4D**	174372	970	
	5,1	**M5**	45	14	25126	**91,16**	**VR873.1K-3E225M/4D**	171051	1065	
	5,7	**M4**	55	16	27460	**81,40**	**VR873.1K-3E250M/4D**	182603	1180	
	6,4	**M4**	75	18	24603	**73,09**	**VR873.1K-3G280S/4**	175265	1310	
	6,7	**M4**	75	20	31653	**69,01**	**VR873.1K-3G280S/4**	175712	1310	
	7,7	**M4**	75	21	27660	**60,33**	**VR873.1K-3G280S/4**	176729	1310	
	8,8	**M4**	90	25	24353	**53,03**	**VR873.1K-3G280M/4**	173416	1370	
	10,0	**M4**	90	28	25836	**46,82**	**VR873.1K-3G280M/4**	174140	1370	

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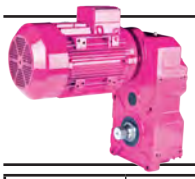

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø340	1,5	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	1,7	**M8 (5m)**	18,5	9,7	17265	**152,83**	**VR873.1K-3E180M/4C**	113796	875	
	2,0	**M8 (5m)**	18,5	11	15152	**134,22**	**VR873.1K-3E180M/4C**	123557	875	
	2,2	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	2,6	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130648	965	
	2,9	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	3,2	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	3,6	**M8 (5m)**	37	20	16596	**73,09**	**VR873.1K-3E225S/4C**	141623	1025	
	3,8	**M8 (5m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	145207	1025	
	4,4	**M7 (4m)**	45	24	16686	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	5,0	**M7 (4m)**	45	28	14691	**53,03**	**VR873.1K-3E225M/4D**	154747	1065	
	5,6	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152131	1180	
Ø360	1,6	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	1,8	**M8 (5m)**	18,5	9,7	17265	**152,83**	**VR873.1K-3E180M/4C**	113796	875	
	2,1	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	2,4	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	2,7	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130648	965	
	3,0	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	3,4	**M8 (5m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	137584	1025	
	3,8	**M7 (4m)**	37	20	16596	**73,09**	**VR873.1K-3E225S/4C**	152241	1025	
	4,0	**M7 (4m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	155035	1025	
	4,6	**M7 (4m)**	45	24	16686	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	5,2	**M7 (4m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	152152	1180	
	6,0	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152131	1180	
Ø380	1,7	**M8 (5m)**	18,5	8,6	15632	**170,32**	**VR873.1K-3E180M/4C**	99619	875	374
	1,9	**M8 (5m)**	18,5	9,7	17265	**152,83**	**VR873.1K-3E180M/4C**	113796	875	
	2,2	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	2,5	**M8 (5m)**	30	13	15770	**116,84**	**VR873.1K-3E200L/4D**	124193	965	
	2,9	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130648	965	
	3,2	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	3,6	**M7 (4m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	4,0	**M7 (4m)**	37	20	16596	**73,09**	**VR873.1K-3E225S/4C**	152241	1025	
	4,3	**M7 (4m)**	45	21	15658	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	4,9	**M7 (4m)**	45	24	16686	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	5,5	**M7 (4m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	152152	1180	
	6,3	**M7 (4m)**	75	32	15821	**46,82**	**VR873.1K-3G280S/4**	147553	1310	
Ø400	1,8	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	374
	2,0	**M8 (5m)**	18,5	9,7	17265	**152,83**	**VR873.1K-3E180M/4C**	113796	875	
	2,3	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	2,6	**M8 (5m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	124193	965	
	3,0	**M7 (4m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	144923	965	
	3,4	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	3,8	**M7 (4m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	4,2	**M7 (4m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	4,5	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	5,1	**M7 (4m)**	55	24	20394	**60,33**	**VR873.1K-3E250M/4D**	151960	1180	
	5,8	**M6 (3m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	161552	1180	
	6,6	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-3G280S/4**	156857	1310	
Ø420	1,9	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	374
	2,1	**M8 (5m)**	22	9,7	17265	**152,83**	**VR873.1K-3E180L/4D**	111190	890	
	2,4	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	2,8	**M7 (4m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	140352	965	
	3,2	**M7 (4m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	144923	965	
	3,6	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	4,0	**M7 (4m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	4,4	**M7 (4m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	4,7	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	5,4	**M6 (3m)**	55	24	20394	**60,33**	**VR873.1K-3E250M/4D**	161459	1180	
	6,1	**M6 (3m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	161552	1180	

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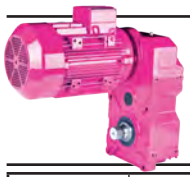

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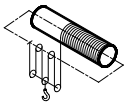

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø420	7,0	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-3G280S/4**	156857	1310	374
Ø440	2,0	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	374
	2,2	**M8 (5m)**	22	9,7	17265	**152,83**	**VR873.1K-3E180L/4D**	111190	890	
	2,5	**M7 (4m)**	30	11	18019	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	2,9	**M7 (4m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	140352	965	
	3,3	**M7 (4m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	144923	965	
	3,7	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	4,2	**M7 (4m)**	45	18	18498	**81,40**	**VR873.1K-3E225M/4D**	146004	1065	
	4,7	**M6 (3m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	160599	1065	
	4,9	**M6 (3m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	162663	1065	
	5,6	**M6 (3m)**	55	24	20394	**60,33**	**VR873.1K-3E250M/4D**	161459	1180	
	6,4	**M6 (3m)**	75	28	17955	**53,03**	**VR873.1K-3G280S/4**	156353	1310	
	7,3	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-3G280S/4**	156857	1310	
Ø460	2,1	**M7 (4m)**	22	8,6	19280	**170,32**	**VR873.1K-3E180L/4D**	122983	890	374
	2,3	**M7 (4m)**	22	9,7	17265	**152,83**	**VR873.1K-3E180L/4D**	133062	890	
	2,6	**M7 (4m)**	30	11	18019	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	3,0	**M7 (4m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	140352	965	
	3,5	**M7 (4m)**	37	14	18883	**102,78**	**VR873.1K-2ED200L/4D**	141412	970	
	3,9	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	4,4	**M6 (3m)**	45	18	18498	**81,40**	**VR873.1K-3E225M/4D**	158349	1065	
	4,9	**M6 (3m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	160599	1065	
	5,2	**M6 (3m)**	55	21	19043	**69,01**	**VR873.1K-3E250M/4D**	159294	1180	
	5,9	**M6 (3m)**	55	24	20394	**60,33**	**VR873.1K-3E250M/4D**	161459	1180	
	6,7	**M6 (3m)**	75	28	17955	**53,03**	**VR873.1K-3G280S/4**	156353	1310	
	7,6	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-3G280S/4**	156857	1310	
Ø480	2,2	**M7 (4m)**	22	8,6	19280	**170,32**	**VR873.1K-3E180L/4D**	122983	890	374
	2,4	**M7 (4m)**	22	9,7	17265	**152,83**	**VR873.1K-3E180L/4D**	133062	890	
	2,8	**M7 (4m)**	30	11	18019	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	3,2	**M7 (4m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	140352	965	
	3,6	**M7 (4m)**	37	14	18883	**102,78**	**VR873.1K-2ED200L/4D**	141412	970	
	4,1	**M6 (3m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	159360	1025	
	4,6	**M6 (3m)**	45	18	18498	**81,40**	**VR873.1K-3E225M/4D**	158349	1065	
	5,1	**M6 (3m)**	55	20	20184	**73,09**	**VR873.1K-3E250M/4D**	157026	1180	
	5,4	**M6 (3m)**	55	21	19043	**69,01**	**VR873.1K-3E250M/4D**	159294	1180	
	6,2	**M6 (3m)**	75	24	20394	**60,33**	**VR873.1K-3G280S/4**	155547	1310	
	7,0	**M6 (3m)**	75	28	17955	**53,03**	**VR873.1K-3G280S/4**	156353	1310	
	8,0	**M5 (2m)**	75	32	21573	**46,82**	**VR873.1K-3G280S/4**	166920	1310	

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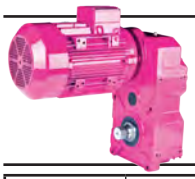
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø320	0,9	**M5 (2m)**	11	6,9	14186	**213,15**	**VR673.1K-3E160M/4C**	153176	359	372
	1,0	**M5 (2m)**	11	7,8	12642	**189,61**	**VR673.1K-3E160M/4C**	145907	359	
	1,1	**M5 (2m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	141525	359	
	1,4	**M4 (1Am)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4D**	151963	379	
	1,5	**M4 (1Am)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4D**	148787	379	
	1,8	**M4 (1Am)**	18,5	14	11467	**102,10**	**VR673.1K-3E180M/4C**	143555	408	
	2,1	**M4 (1Am)**	22	17	11789	**87,77**	**VR673.1K-3E180L/4D**	139905	418	
	2,4	**M4 (1Am)**	22	19	10250	**76,17**	**VR673.1K-3E180L/4D**	139462	418	
	0,8	**M8 (5m)**	7,5	6,3	10681	**233,77**	**VR773.1K-3E132M/4D**	111776	423	373
	0,9	**M8 (5m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	117877	480	
	1,1	**M8 (5m)**	11	8,8	11157	**166,50**	**VR773.1K-3E160M/4C**	125610	480	
	1,2	**M8 (5m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	128335	480	
	1,4	**M8 (5m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	133702	500	
	1,7	**M7 (4m)**	15	13	10224	**111,53**	**VR773.1K-3E160L/4D**	150802	500	
	1,9	**M7 (4m)**	18,5	15	11011	**97,55**	**VR773.1K-3E180M/4C**	150917	529	
	2,1	**M7 (4m)**	22	17	11602	**85,99**	**VR773.1K-3E180L/4D**	151295	539	
	2,4	**M7 (4m)**	22	19	10308	**76,29**	**VR773.1K-3E180L/4D**	153572	539	
	2,7	**M7 (4m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	2,8	**M7 (4m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	3,3	**M7 (4m)**	30	26	10457	**56,82**	**VR773.1K-3E200L/4D**	151779	585	
	3,7	**M6 (3m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	158211	621	
	1,8	**M8 (5m)**	18,5	14	11645	**102,78**	**VR873.1K-3E180M/4C**	136405	875	374
	2,0	**M8 (5m)**	18,5	16	10344	**91,16**	**VR873.1K-3E180M/4C**	141051	875	
	2,3	**M8 (5m)**	22	18	11036	**81,40**	**VR873.1K-3E180L/4D**	143570	890	
	2,5	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	2,7	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	3,1	**M8 (5m)**	30	24	11139	**60,33**	**VR873.1K-3E200L/4D**	150242	965	
	3,5	**M8 (5m)**	37	28	12071	**53,03**	**VR873.1K-3E225S/4C**	147823	1025	
	4,0	**M8 (5m)**	37	32	10672	**46,82**	**VR873.1K-3E225S/4C**	147350	1025	
Ø340	0,8	**M8 (5m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	106402	423	373
	1,0	**M8 (5m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	117877	480	
	1,2	**M7 (4m)**	11	8,8	11157	**166,50**	**VR773.1K-3E160M/4C**	144492	480	
	1,3	**M7 (4m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	144686	500	
	1,5	**M7 (4m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	148048	500	
	1,8	**M7 (4m)**	18,5	13	12609	**111,53**	**VR773.1K-3E180M/4C**	148230	529	
	2,0	**M7 (4m)**	18,5	15	11011	**97,55**	**VR773.1K-3E180M/4C**	150917	529	
	2,3	**M6 (3m)**	22	17	11602	**85,99**	**VR773.1K-3E180L/4D**	162396	539	
	2,6	**M6 (3m)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	159677	585	
	2,9	**M6 (3m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	161310	585	
	3,0	**M6 (3m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	161288	585	
	3,5	**M6 (3m)**	37	26	12897	**56,82**	**VR773.1K-3E225S/4C**	158357	621	
	4,0	**M6 (3m)**	37	30	11242	**49,45**	**VR773.1K-3E225S/4C**	158211	621	
	1,2	**M8 (5m)**	11	8,6	11464	**170,32**	**VR873.1K-3E160M/4C**	105849	800	374
	1,3	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	1,5	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4D**	125889	825	
	1,7	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	1,9	**M8 (5m)**	18,5	14	11645	**102,78**	**VR873.1K-3E180M/4C**	136405	875	
	2,2	**M8 (5m)**	22	16	12301	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	2,4	**M8 (5m)**	22	18	11036	**81,40**	**VR873.1K-3E180L/4D**	143570	890	
	2,7	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	2,9	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	3,3	**M8 (5m)**	30	24	11139	**60,33**	**VR873.1K-3E200L/4D**	150242	965	
	3,7	**M8 (5m)**	37	28	12071	**53,03**	**VR873.1K-3E225S/4C**	147823	1025	
	4,2	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225M/4D**	145520	1065	
Ø360	0,9	**M7 (4m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	134569	480	373
	1,0	**M7 (4m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	140563	480	
	1,2	**M7 (4m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	140118	500	

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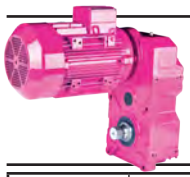

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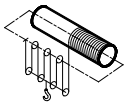

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø360	1,4	**M7 (4m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	144686	500	373
	1,6	**M6 (3m)**	15	11	11783	**128,81**	**VR773.1K-3E160L/4D**	163612	500	
	1,9	**M6 (3m)**	18,5	13	12609	**111,53**	**VR773.1K-3E180M/4C**	161940	529	
	2,1	**M6 (3m)**	22	15	13094	**97,55**	**VR773.1K-3E180L/4D**	160930	539	
	2,4	**M6 (3m)**	22	17	11602	**85,99**	**VR773.1K-3E180L/4D**	162396	539	
	2,7	**M6 (3m)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	159677	585	
	3,1	**M6 (3m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	161310	585	
	3,2	**M6 (3m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	161288	585	
	3,7	**M5 (2m)**	37	26	12897	**56,82**	**VR773.1K-3E225S/4C**	168318	621	
	4,2	**M5 (2m)**	45	30	13673	**49,45**	**VR773.1K-3E225M/4D**	165440	621	
	1,2	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	1,4	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	1,5	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4D**	125889	825	
	1,8	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	2,0	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	2,3	**M8 (5m)**	22	16	12301	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	2,6	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	2,9	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	3,0	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	3,5	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	3,9	**M8 (5m)**	37	28	12071	**53,03**	**VR873.1K-3E225S/4C**	147823	1025	
	4,5	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225M/4D**	145520	1065	
Ø380	0,9	**M7 (4m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	134569	480	373
	1,1	**M7 (4m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	140563	480	
	1,3	**M6 (3m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	161330	500	
	1,5	**M6 (3m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	162688	500	
	1,7	**M6 (3m)**	18,5	11	14532	**128,81**	**VR773.1K-3E180M/4C**	160648	500	
	2,0	**M6 (3m)**	18,5	13	12609	**111,53**	**VR773.1K-3E180M/4C**	161940	529	
	2,3	**M6 (3m)**	22	15	13094	**97,55**	**VR773.1K-3E180L/4D**	160930	539	
	2,5	**M5 (2m)**	30	17	15820	**85,99**	**VR773.1K-3E200L/4D**	169987	585	
	2,9	**M5 (2m)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	170707	585	
	3,2	**M5 (2m)**	30	22	12508	**68,02**	**VR773.1K-3E200L/4D**	171417	585	
	3,4	**M5 (2m)**	30	22	12050	**65,59**	**VR773.1K-3E200L/4D**	171366	585	
	3,9	**M5 (2m)**	37	26	12897	**56,82**	**VR773.1K-3E225S/4C**	168318	621	
	4,4	**M5 (2m)**	45	30	13673	**49,45**	**VR773.1K-3E225M/4D**	165440	645	
	1,3	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	1,4	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	1,6	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4D**	125889	825	
	1,9	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	2,1	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	2,4	**M8 (5m)**	22	16	12301	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	2,7	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	3,0	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	3,2	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	3,6	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	4,2	**M8 (5m)**	45	28	12071	**53,03**	**VR873.1K-3E225M/4D**	145751	1065	
	4,7	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225M/4D**	145520	1065	
Ø400	1,0	**M6 (3m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	168737	480	373
	1,2	**M6 (3m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	166812	480	
	1,4	**M6 (3m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	161330	500	
	1,5	**M6 (3m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	162688	500	
	1,8	**M6 (3m)**	18,5	11	14532	**128,81**	**VR773.1K-3E180M/4C**	160648	529	
	2,1	**M5 (2m)**	22	13	14995	**111,53**	**VR773.1K-3E180L/4D**	174599	529	
	2,4	**M5 (2m)**	22	15	13094	**97,55**	**VR773.1K-3E180L/4D**	174430	539	
	2,7	**M5 (2m)**	30	17	15820	**85,99**	**VR773.1K-3E200L/4D**	169987	585	
	3,0	**M5 (2m)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	170707	585	
	3,4	**M5 (2m)**	37	22	15426	**68,02**	**VR773.1K-3E225S/4C**	168271	585	
	3,5	**M5 (2m)**	37	22	14862	**65,59**	**VR773.1K-3E225S/4C**	168334	621	
	4,1	**M4 (1Am)**	37	26	12897	**56,82**	**VR773.1K-3E225S/4C**	178856	621	

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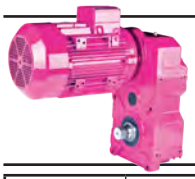
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø400	4,7	**M4 (1Am)**	45	30	13673	**49,45**	**VR773.1K-3E225M/4D**	175859	645	373
	1,4	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	1,5	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	1,7	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	2,0	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	2,3	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	2,5	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	2,8	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	3,2	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	3,4	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	3,8	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	4,4	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	145751	1065	
	5,0	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225M/4D**	145520	1065	
Ø420	1,0	**M6 (3m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	168737	480	373
	1,2	**M6 (3m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	166812	480	
	1,5	**M5 (2m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	186013	500	
	1,6	**M5 (2m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4D**	183216	500	
	1,9	**M5 (2m)**	18,5	11	14532	**128,81**	**VR773.1K-3E180M/4C**	178134	529	
	2,2	**M5 (2m)**	22	13	14995	**111,53**	**VR773.1K-3E180L/4D**	174599	539	
	2,5	**M5 (2m)**	30	15	17856	**97,55**	**VR773.1K-3E200L/4D**	169296	539	
	2,8	**M5 (2m)**	30	17	15820	**85,99**	**VR773.1K-3E200L/4D**	169987	585	
	3,2	**M4 (1Am)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	182433	585	
	3,6	**M4 (1Am)**	37	22	15426	**68,02**	**VR773.1K-3E225S/4C**	178963	621	
	3,7	**M4 (1Am)**	37	22	14862	**65,59**	**VR773.1K-3E225S/4C**	178995	621	
	4,3	**M4 (1Am)**	45	26	15685	**56,82**	**VR773.1K-3E225M/4D**	175850	645	
	4,9	**M4 (1Am)**	45	30	13673	**49,45**	**VR773.1K-3E225M/4D**	175859	645	
	1,4	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	1,6	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	1,8	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	2,1	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	2,4	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	2,7	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	3,0	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	3,3	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	3,5	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	4,0	**M8 (5m)**	45	24	16708	**60,33**	**VR873.1K-3E225M/4D**	145819	1065	
	4,6	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	145751	1065	
	5,2	**M7 (4m)**	55	32	15863	**46,82**	**VR873.1K-3E250M/4D**	152133	1180	
Ø440	1,1	**M6 (3m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	168737	480	373
	1,3	**M5 (2m)**	15	7,3	18267	**200,14**	**VR773.1K-3E160L/4D**	193027	500	
	1,5	**M5 (2m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4D**	186013	500	
	1,7	**M5 (2m)**	18,5	9,9	16812	**148,95**	**VR773.1K-3E180M/4C**	179786	500	
	2,0	**M5 (2m)**	18,5	11	14532	**128,81**	**VR773.1K-3E180M/4C**	178134	529	
	2,3	**M5 (2m)**	22	13	14995	**111,53**	**VR773.1K-3E180L/4D**	174599	539	
	2,6	**M4 (1Am)**	30	15	17856	**97,55**	**VR773.1K-3E200L/4D**	183837	585	
	3,0	**M4 (1Am)**	30	17	15820	**85,99**	**VR773.1K-3E200L/4D**	182968	585	
	3,3	**M4 (1Am)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	182433	585	
	1,5	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	1,7	**M8 (5m)**	18,5	9,6	14046	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	1,9	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	2,2	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	2,5	**M8 (5m)**	30	14	13848	**102,78**	**VR873.1K-3E200L/4D**	130648	965	
	2,8	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	3,1	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	3,5	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	3,7	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	4,2	**M7 (4m)**	45	24	16708	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	

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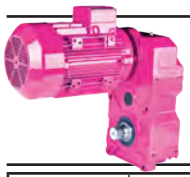
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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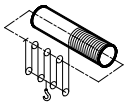

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø440	4,8	**M7 (4m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	154746	1065	374
	5,5	**M7 (4m)**	55	32	15863	**46,82**	**VR873.1K-3E250M/4D**	152133	1180	
Ø450	1,5	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	1,7	**M8 (5m)**	18,5	9,6	14046	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	1,9	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	2,2	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	2,5	**M8 (5m)**	30	14	13848	**102,78**	**VR873.1K-3E200L/4D**	130648	965	
	2,9	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	3,2	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	3,6	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	3,8	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	4,3	**M7 (4m)**	45	24	16708	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	4,9	**M7 (4m)**	55	28	14681	**53,03**	**VR873.1K-3E250M/4D**	152153	1180	
	5,6	**M7 (4m)**	55	32	15863	**46,82**	**VR873.1K-3E250M/4D**	152133	1180	

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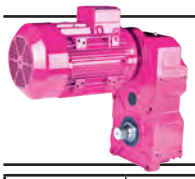

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø360	1,6	**M8 (5m)**	18,5	8,7	19214	**170,32**	**VR873.1K-3E180M/4C**	99554	875	374
	1,8	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	2,1	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	2,4	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	2,7	**M7 (4m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	144923	965	
	3,1	**M7 (4m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	145621	1025	
	3,4	**M7 (4m)**	37	18	18460	**81,40**	**VR873.1K-3E225S/4C**	149184	1025	
	3,8	**M7 (4m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	4,0	**M6 (3m)**	45	21	19056	**69,01**	**VR873.1K-3E225M/4D**	162663	1065	
	4,6	**M6 (3m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	161465	1180	
	5,3	**M6 (3m)**	75	28	24353	**53,03**	**VR873.1K-3G280S/4**	156381	1310	
	6,0	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-3G280S/4**	156863	1310	
Ø380	1,7	**M8 (5m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	96646	890	374
	1,9	**M7 (4m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	133124	890	
	2,2	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	2,5	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	2,9	**M7 (4m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	141412	970	
	3,2	**M7 (4m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	145621	1025	
	3,6	**M6 (3m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	158347	1065	
	4,0	**M6 (3m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	160600	1065	
	4,3	**M6 (3m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	159292	1180	
	4,9	**M6 (3m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	161465	1180	
	5,6	**M6 (3m)**	75	28	24353	**53,03**	**VR873.1K-3G280S/4**	156381	1310	
	6,3	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-3G280S/4**	156863	1310	
Ø400	1,8	**M7 (4m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	122901	890	374
	2,0	**M7 (4m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	133124	890	
	2,3	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	2,6	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	3,0	**M7 (4m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	141412	970	
	3,4	**M6 (3m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	159350	1025	
	3,8	**M6 (3m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	158347	1065	
	4,2	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	157024	1180	
	4,5	**M6 (3m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	159292	1180	
	5,1	**M6 (3m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	161465	1180	
	5,9	**M6 (3m)**	75	28	24353	**53,03**	**VR873.1K-3G280S/4**	156381	1310	
	6,6	**M5 (2m)**	75	32	21530	**46,82**	**VR873.1K-3G280S/4**	166925	1310	
Ø420	1,9	**M7 (4m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	122901	890	374
	2,1	**M7 (4m)**	30	9,6	20601	**152,83**	**VR873.1K-2ED180L/4D**	127139	890	
	2,4	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	2,8	**M6 (3m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	158104	965	
	3,2	**M6 (3m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	156901	970	
	3,6	**M6 (3m)**	45	16	20645	**91,16**	**VR873.1K-3E225M/4D**	155793	1065	
	4,0	**M6 (3m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	158347	1065	
	4,4	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	157024	1180	
	4,7	**M6 (3m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	159292	1180	
	5,4	**M6 (3m)**	75	25	20325	**60,33**	**VR873.1K-3G280S/4**	155573	1310	
	6,2	**M5 (2m)**	75	28	24353	**53,03**	**VR873.1K-3G280S/4**	166546	1310	
	7,0	**M5 (2m)**	75	32	21530	**46,82**	**VR873.1K-3G280S/4**	166925	1310	
Ø440	2,0	**M7 (4m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	122901	890	374
	2,2	**M6 (3m)**	30	9,6	20601	**152,83**	**VR873.1K-2ED180L/4D**	152473	890	
	2,5	**M6 (3m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	155561	965	
	2,9	**M6 (3m)**	37	13	21431	**116,84**	**VR873.1K-2ED200L/4D**	154117	970	
	3,3	**M6 (3m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	156901	970	
	3,7	**M6 (3m)**	45	16	20645	**91,16**	**VR873.1K-3E225M/4D**	155793	1065	
	4,2	**M6 (3m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	158347	1065	
	4,7	**M5 (2m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	169288	1180	
	4,9	**M5 (2m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	170512	1180	
	5,7	**M5 (2m)**	75	25	20325	**60,33**	**VR873.1K-3G280S/4**	165849	1310	
	6,4	**M5 (2m)**	75	28	24353	**53,03**	**VR873.1K-3G280S/4**	166546	1310	

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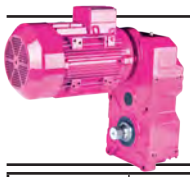

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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	IE3 Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	IE3 Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø440	7,3	**M5 (3m)**	90	32	25836	**46,82**	**VR873.1K-3G280M/4**	163494	1370	374
Ø460	2,1	**M6 (3m)**	30	8,7	31158	**170,32**	**VR873.1K-2ED180L/4D**	148105	890	374
	2,3	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-2ED180L/4D**	152473	890	
	2,6	**M6 (3m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	155561	965	
	3,0	**M6 (3m)**	37	13	26432	**116,84**	**VR873.1K-2ED200L/4D**	154117	970	
	3,5	**M5 (2m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	174302	970	
	3,9	**M5 (2m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	171049	1065	
	4,4	**M5 (2m)**	55	18	27441	**81,40**	**VR873.1K-3E250M/4D**	167962	1180	
	4,9	**M5 (2m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	169288	1180	
	5,2	**M5 (2m)**	75	21	31760	**69,01**	**VR873.1K-3G280S/4**	163755	1310	
	5,9	**M5 (2m)**	75	25	27716	**60,33**	**VR873.1K-3G280S/4**	165849	1310	
	6,7	**M4 (1Am)**	75	28	24353	**53,03**	**VR873.1K-3G280S/4**	177299	1310	
	7,6	**M4 (1Am)**	90	32	25836	**46,82**	**VR873.1K-3G280M/4**	174140	1370	
Ø480	2,2	**M6 (3m)**	30	8,7	31158	**170,32**	**VR873.1K-2ED180L/4D**	148105	965	374
	2,4	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-2ED180L/4D**	152473	965	
	2,8	**M5 (2m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	179885	965	
	3,2	**M5 (2m)**	37	13	26432	**116,84**	**VR873.1K-2ED200L/4D**	174392	970	
	4,1	**M5 (2m)**	45	14	25109	**91,16**	**VR873.1K-3E225M/4D**	171049	1065	
	4,6	**M5 (2m)**	55	16	27441	**81,40**	**VR873.1K-3E250M/4D**	167962	1180	
	5,1	**M5 (2m)**	55	18	24686	**73,09**	**VR873.1K-3E250M/4D**	169288	1180	
	5,4	**M4 (1Am)**	75	20	31760	**69,01**	**VR873.1K-3G280S/4**	175686	1310	
	6,2	**M4 (1Am)**	75	21	27716	**60,33**	**VR873.1K-3G280S/4**	176717	1310	
	7,0	**M4 (1Am)**	75	25	24353	**53,03**	**VR873.1K-3G280S/4**	177299	1310	
	8,0	**M4 (1Am)**	90	28	25836	**46,82**	**VR873.1K-3G280M/4**	174140	1370	
Ø500	2,3	**M5 (2m)**	30	8,7	31158	**170,32**	**VR873.1K-2ED180L/4D**	188137	890	374
	2,5	**M5 (2m)**	30	9,6	28093	**152,83**	**VR873.1K-2ED180L/4D**	182835	890	
	2,9	**M5 (2m)**	37	11	24571	**134,22**	**VR873.1K-2ED200L/4D**	175314	970	
	3,3	**M5 (2m)**	37	13	26432	**116,84**	**VR873.1K-2ED200L/4D**	174392	970	
	4,2	**M4 (1Am)**	55	14	25109	**91,16**	**VR873.1K-3E250M/4D**	183179	1180	
	4,8	**M4 (1Am)**	55	16	27441	**81,40**	**VR873.1K-3E250M/4D**	182603	1180	
	5,3	**M4 (1Am)**	75	18	24686	**73,09**	**VR873.1K-3G280S/4**	175241	1310	
	5,6	**M4 (1Am)**	75	20	31760	**69,01**	**VR873.1K-3G280S/4**	175686	1310	
	6,4	**M4 (1Am)**	75	21	27716	**60,33**	**VR873.1K-3G280S/4**	176717	1310	
	7,3	**M4 (1Am)**	90	25	24353	**53,03**	**VR873.1K-3G280M/4**	173416	1370	

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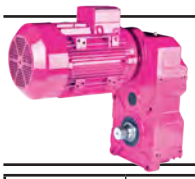

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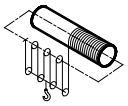

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø340	1,2	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	1,3	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	1,5	**M8 (5m)**	18,5	11	15152	**134,22**	**VR873.1K-3E180M/4C**	123557	875	
	1,7	**M8 (5m)**	18,5	13	13216	**116,84**	**VR873.1K-3E180M/4C**	130718	875	
	1,9	**M8 (5m)**	22	14	13895	**102,78**	**VR873.1K-3E180L/4D**	134685	890	
	2,2	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	2,4	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	2,7	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	2,9	**M8 (5m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	145207	1025	
	3,3	**M8 (5m)**	37	25	13710	**60,33**	**VR873.1K-3E225S/4C**	148175	1025	
	3,7	**M8 (5m)**	45	28	14691	**53,03**	**VR873.1K-3E225M/4D**	145751	1065	
	4,2	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152131	1180	
Ø360	1,2	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	1,4	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4D**	116460	825	
	1,6	**M8 (5m)**	18,5	11	15152	**134,22**	**VR873.1K-3E180M/4C**	123557	875	
	1,8	**M8 (5m)**	18,5	13	13216	**116,84**	**VR873.1K-3E180M/4C**	130718	875	
	2,0	**M8 (5m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	2,3	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	2,6	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	2,9	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	3,0	**M8 (5m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	145207	1025	
	3,5	**M8 (5m)**	45	25	16675	**60,33**	**VR873.1K-3E225M/4D**	145819	1065	
	3,9	**M7 (4m)**	45	28	14691	**53,03**	**VR873.1K-3E225M/4D**	154747	1065	
	4,5	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152131	1180	
Ø380	1,3	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	1,4	**M8 (5m)**	18.5	9,6	14046	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	1,6	**M8 (5m)**	18.5	11	15152	**134,22**	**VR873.1K-3E180M/4C**	123557	875	
	1,9	**M8 (5m)**	22	13	13216	**116,84**	**VR873.1K-3E180L/4D**	128730	890	
	2,1	**M8 (5m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	2,4	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	2,7	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	3,0	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	3,2	**M8 (5m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	145207	1025	
	3,7	**M7 (4m)**	45	25	16675	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	4,2	**M7 (4m)**	55	28	14691	**53,03**	**VR873.1K-3E250M/4D**	152152	1180	
	4,7	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152131	1180	
Ø400	1,4	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4D**	102531	825	374
	1,5	**M8 (5m)**	18,5	9,6	14046	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	1,7	**M8 (5m)**	22	11	15152	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	2,0	**M8 (5m)**	22	13	13216	**116,84**	**VR873.1K-3E180L/4D**	128730	890	
	2,2	**M8 (5m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	2,5	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	2,8	**M8 (5m)**	37	18	14998	**81,40**	**VR873.1K-3E225S/4C**	137584	1025	
	3,2	**M7 (4m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	152246	1025	
	3,4	**M7 (4m)**	45	21	15658	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	3,8	**M7 (4m)**	45	25	16675	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	4,4	**M7 (4m)**	55	28	14691	**53,03**	**VR873.1K-3E250M/4D**	152152	1180	
	5,0	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152131	1180	
Ø420	1,4	**M8 (5m)**	18,5	8,6	15632	**170,32**	**VR873.1K-3E180M/4C**	99619	875	374
	1,6	**M8 (5m)**	18,5	9,6	14046	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	1,8	**M8 (5m)**	22	11	15152	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	2,1	**M8 (5m)**	30	13	13216	**116,84**	**VR873.1K-3E200L/4D**	124175	965	
	2,4	**M8 (5m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	2,7	**M7 (4m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	148742	965	
	3,0	**M7 (4m)**	37	18	14998	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	3,3	**M7 (4m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	152246	1025	
	3,5	**M7 (4m)**	45	21	15658	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	4,0	**M7 (4m)**	45	25	16675	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	4,6	**M7 (4m)**	55	28	14691	**53,03**	**VR873.1K-3E250M/4D**	152152	1180	

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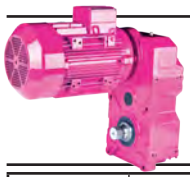

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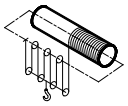

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø420	5,2	**M6 (3m)**	75	32	21573	**46,32**	**VR873.1K-3G280S/4**	156857	1310	374
Ø440	1,5	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	374
	1,7	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	1,9	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	2,2	**M8 (5m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	124175	965	
	2,5	**M7 (4m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	144946	965	
	2,8	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	3,1	**M7 (4m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	3,5	**M7 (4m)**	45	20	20225	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	3,7	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	4,2	**M7 (4m)**	55	25	20380	**60,33**	**VR873.1K-3E250M/4D**	151961	1180	
	4,8	**M6 (3m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	161552	1180	
	5,5	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-3G280S/4**	156857	1310	
Ø460	1,6	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	374
	1,7	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	2,0	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	2,3	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	2,6	**M7 (4m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	144946	965	
	2,9	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	3,3	**M7 (4m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	3,6	**M7 (4m)**	45	20	20225	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	3,9	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	4,4	**M6 (3m)**	55	25	20380	**60,33**	**VR873.1K-3E250M/4D**	161460	1180	
	5,0	**M6 (3m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	161552	1180	
	5,7	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-3G280S/4**	156857	1310	
Ø480	1,6	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	374
	1,8	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	2,1	**M7 (4m)**	30	11	18019	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	2,4	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	2,7	**M7 (4m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	144946	965	
	3,0	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	3,4	**M7 (4m)**	45	18	18498	**81,40**	**VR873.1K-3E225M/4D**	146004	1065	
	3,8	**M6 (3m)**	45	20	20225	**73,09**	**VR873.1K-3E225M/4D**	160601	1065	
	4,0	**M6 (3m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	162663	1065	
	4,6	**M6 (3m)**	55	25	20380	**60,33**	**VR873.1K-3E250M/4D**	161460	1180	
	5,2	**M6 (3m)**	75	28	17955	**53,03**	**VR873.1K-3G280S/4**	156353	1310	
	6,0	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-3G280S/4**	156857	1310	

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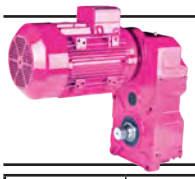

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø360	1,6	**M6 (3m)**	22	8,6	22927	**170,32**	**VR873.1K-3E180L/4D**	154854	890	374
	1,8	**M6 (3m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	158447	890	
	2,1	**M6 (3m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	155561	965	
	2,4	**M6 (3m)**	37	13	26378	**116,84**	**VR873.1K-2ED200L/4D**	154104	970	
	2,7	**M6 (3m)**	37	14	23242	**102,78**	**VR873.1K-2ED200L/4D**	156890	970	
	3,1	**M6 (3m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	159350	1025	
	3,4	**M5 (2m)**	55	18	27367	**81,40**	**VR873.1K-3E250M/4D**	167966	1180	
	3,8	**M5 (2m)**	55	20	24603	**73,09**	**VR873.1K-3E250M/4D**	169292	1180	
	4,0	**M5 (2m)**	55	21	23212	**69,01**	**VR873.1K-3E250M/4D**	170518	1180	
	4,6	**M5 (2m)**	75	25	27660	**60,33**	**VR873.1K-3G280S/4**	165862	1310	
	5,3	**M5 (2m)**	75	28	24353	**53,03**	**VR873.1K-3G280S/4**	166546	1310	
	6,0	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-3G280M/4**	163494	1370	
Ø380	1,7	**M6 (3m)**	30	8,6	22927	**170,32**	**VR873.1K-3E200L/4D**	148197	965	374
	1,9	**M6 (3m)**	30	9,6	20601	**152,83**	**VR873.1K-3E200L/4D**	152473	965	
	2,2	**M6 (3m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	155561	965	
	2,5	**M5 (2m)**	37	13	26378	**116,84**	**VR873.1K-2ED200L/4D**	174372	970	
	3,2	**M5 (2m)**	45	14	23242	**91,16**	**VR873.1K-3E225M/4D**	171049	1065	
	3,6	**M5 (2m)**	55	16	20645	**81,40**	**VR873.1K-3E250M/4D**	167966	1180	
	4,0	**M5 (2m)**	55	18	27367	**73,09**	**VR873.1K-3E250M/4D**	169292	1180	
	4,3	**M5 (2m)**	75	20	24603	**69,01**	**VR873.1K-3G280S/4**	163784	1310	
	4,9	**M4 (1Am)**	75	21	23212	**60,33**	**VR873.1K-3G280S/4**	176729	1310	
	5,6	**M4 (1Am)**	75	25	27660	**53,03**	**VR873.1K-3G280S/4**	177299	1310	
	6,3	**M4 (1Am)**	90	28	24353	**46,82**	**VR873.1K-3G280M/4**	174140	1370	
Ø400	1,8	**M5 (2m)**	30	8,6	22927	**170,32**	**VR873.1K-2ED180L/4D**	188270	890	374
	2,0	**M5 (2m)**	30	9,6	20601	**152,83**	**VR873.1K-2ED180L/4D**	182835	890	
	2,3	**M5 (2m)**	37	11	24571	**134,22**	**VR873.1K-2ED200L/4D**	175314	970	
	2,6	**M5 (2m)**	37	13	26378	**116,84**	**VR873.1K-2ED200L/4D**	174372	970	
	3,4	**M4 (1Am)**	55	14	23242	**91,16**	**VR873.1K-3E250M/4D**	183179	1180	
	3,8	**M4 (1Am)**	55	16	20645	**81,40**	**VR873.1K-3E250M/4D**	182603	1180	
	4,2	**M4 (1Am)**	75	18	27367	**73,09**	**VR873.1K-3G280S/4**	175265	1310	
	4,5	**M4 (1Am)**	75	20	24603	**69,01**	**VR873.1K-3G280S/4**	175712	1310	
	5,2	**M4 (1Am)**	75	21	23212	**60,33**	**VR873.1K-3G280S/4**	176729	1310	
	5,9	**M4 (1Am)**	90	25	27660	**53,03**	**VR873.1K-3G280M/4**	173416	1370	

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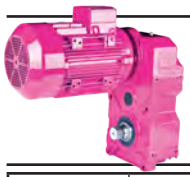
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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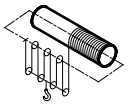

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**IE3 Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**IE3 Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**IE3 Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**IE3 Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø360	1,2	**M8 (5m)**	18,5	8,7	19214	**170,32**	**VR873.1K-3E180M/4C**	99554	875	374
	1,4	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	1,5	**M8 (5m)**	22	11	18080	**134,22**	**VR873.1K-3E180L/4D**	121311	890	
	1,8	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	2,0	**M7 (4m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	144923	965	
	2,3	**M7 (4m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	145621	1025	
	2,6	**M7 (4m)**	37	18	18460	**81,40**	**VR873.1K-3E225S/4C**	149184	1025	
	2,9	**M7 (4m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	3,0	**M7 (4m)**	45	21	19056	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	3,5	**M6 (3m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	161465	1180	
	3,9	**M6 (3m)**	55	28	17895	**53,03**	**VR873.1K-3E250M/4D**	161552	1180	
	4,5	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-3G280S/4**	156863	1310	
Ø380	1,3	**M8 (5m)**	18,5	8,7	19214	**170,32**	**VR873.1K-3E180M/4C**	99554	875	374
	1,4	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	1,6	**M7 (4m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	1,9	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	2,1	**M7 (4m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	144923	965	
	2,4	**M7 (4m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	145621	1025	
	2,7	**M7 (4m)**	37	18	18460	**81,40**	**VR873.1K-3E225S/4C**	149184	1025	
	3,0	**M7 (4m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	3,2	**M6 (3m)**	45	21	19056	**69,01**	**VR873.1K-3E225M/4D**	162663	1065	
	3,7	**M6 (3m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	161465	1180	
	4,2	**M6 (3m)**	75	28	24402	**53,03**	**VR873.1K-3G280S/4**	156370	1310	
	4,7	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-3G280S/4**	156863	1310	
Ø400	1,4	**M7 (4m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	122901	890	374
	1,5	**M7 (4m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	133124	890	
	1,7	**M7 (4m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	2,0	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	2,3	**M7 (4m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	141412	970	
	2,5	**M7 (4m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	145621	1025	
	2,9	**M6 (3m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	158347	1065	
	3,2	**M6 (3m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	160600	1065	
	3,4	**M6 (3m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	159292	1180	
	3,9	**M6 (3m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	161465	1180	
	4,4	**M6 (3m)**	75	28	24402	**53,03**	**VR873.1K-3G280S/4**	156370	1310	
	5,0	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-3G280S/4**	156863	1310	
Ø420	1,4	**M7 (4m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	122901	890	374
	1,6	**M7 (4m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	133124	890	
	1,8	**M7 (4m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	2,1	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	2,4	**M7 (4m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	141412	970	
	2,7	**M6 (3m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	159350	1025	
	3,0	**M6 (3m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	158347	1065	
	3,3	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	157024	1180	
	3,5	**M6 (3m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	159292	1180	
	4,0	**M6 (3m)**	75	25	27716	**60,33**	**VR873.1K-3G280S/4**	155573	1310	
	4,6	**M6 (3m)**	75	28	24402	**53,03**	**VR873.1K-3G280S/4**	156370	1310	
	5,2	**M5 (2m)**	75	32	21530	**46,82**	**VR873.1K-3G280S/4**	166925	1310	
Ø440	1,5	**M7 (4m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	122901	890	374
	1,7	**M7 (4m)**	30	9,6	20601	**152,83**	**VR873.1K-2ED180L/4D**	127139	890	
	1,9	**M7 (4m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	2,2	**M6 (3m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	158104	965	
	2,5	**M6 (3m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	156901	970	
	2,8	**M6 (3m)**	45	16	20645	**91,16**	**VR873.1K-3E225M/4D**	155793	1065	
	3,1	**M6 (3m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	158347	1065	
	3,5	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	157024	1180	
	3,7	**M6 (3m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	159292	1180	
	4,2	**M6 (3m)**	75	25	27716	**60,33**	**VR873.1K-3G280S/4**	155573	1310	
	4,8	**M5 (2m)**	75	28	24402	**53,03**	**VR873.1K-3G280S/4**	166537	1310	

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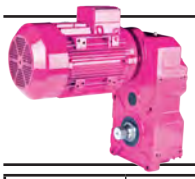

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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	IE3 **Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	IE3 **Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	IE3 **Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	IE3 **Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø440	5,5	**M5 (2m)**	75	32	21530	**46,82**	**VR873.1K-3G280S/4**	166925	1310	374
Ø460	1,6	**M7 (4m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	122901	890	374
	1,7	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-2ED180L/4D**	152473	890	
	2,0	**M6 (3m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	155606	965	
	2,3	**M6 (3m)**	37	13	26432	**116,84**	**VR873.1K-2ED200L/4D**	154117	970	
	2,6	**M6 (3m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	156901	970	
	2,9	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	155793	1065	
	3,3	**M6 (3m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	158347	1065	
	3,6	**M5 (2m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	169288	1180	
	3,9	**M5 (2m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	170512	1180	
	4,4	**M5 (2m)**	75	25	27716	**60,33**	**VR873.1K-3G280S/4**	165849	1310	
	5,0	**M5 (2m)**	75	28	24402	**53,03**	**VR873.1K-3G280S/4**	166537	1310	
	5,7	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-3G280M/4**	163494	1370	
Ø480	1,6	**M6 (3m)**	30	8,7	31158	**170,32**	**VR873.1K-2ED180L/4D**	148105	890	374
	1,8	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-2ED180L/4D**	152473	890	
	2,1	**M6 (3m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	155606	965	
	2,4	**M6 (3m)**	37	13	26432	**116,84**	**VR873.1K-2ED200L/4D**	154117	970	
	2,7	**M5 (2m)**	37	14	23289	**102,78**	**VR873.1K-2ED200L/4D**	174302	970	
	3,1	**M5 (2m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	171049	1065	
	3,4	**M5 (2m)**	55	18	27441	**81,40**	**VR873.1K-3E250M/4D**	167962	1180	
	3,8	**M5 (2m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	169288	1180	
	4,0	**M5 (2m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	170512	1180	
	4,6	**M5 (2m)**	75	25	27716	**60,33**	**VR873.1K-3G280S/4**	165849	1310	
	5,3	**M5 (2m)**	75	28	24402	**53,03**	**VR873.1K-3G280S/4**	166537	1310	
	6,0	**M4 (1Am)**	90	32	25836	**46,82**	**VR873.1K-3G280M/4**	174140	1370	
Ø500	1.7	**M6 (3m)**	30	8,7	31158	**170,32**	**VR873.1K-2ED180L/4D**	148105	890	374
	1.9	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-2ED180L/4D**	152473	890	
	2.1	**M5 (2m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	179945	965	
	2.5	**M5 (2m)**	37	13	26432	**116,84**	**VR873.1K-2ED200L/4D**	174392	970	
	3.2	**M5 (2m)**	45	14	23289	**91,16**	**VR873.1K-3E225M/4D**	171049	1065	
	3.6	**M5 (2m)**	55	16	25109	**81,40**	**VR873.1K-3E250M/4D**	167962	1180	
	4.0	**M5 (2m)**	55	18	27441	**73,09**	**VR873.1K-3E250M/4D**	169288	1180	
	4.2	**M4 (1Am)**	75	20	24686	**69,01**	**VR873.1K-3G280S/4**	175686	1310	
	4.8	**M4 (1Am)**	75	21	23291	**60,33**	**VR873.1K-3G280S/4**	176717	1310	
	5.5	**M4 (1Am)**	75	25	27716	**53,03**	**VR873.1K-3G280S/4**	177292	1310	
	6.2	**M4 (1Am)**	90	28	24402	**46,82**	**VR873.1K-3G280M/4**	174140	1370	

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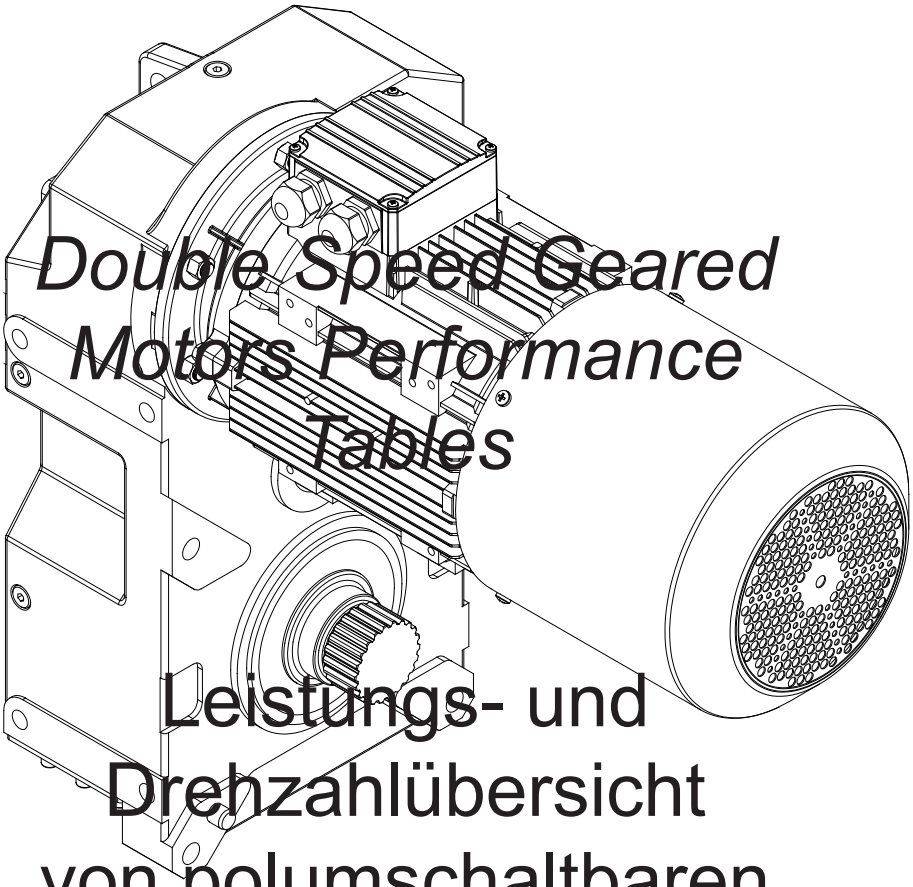
Notlar / *Notes* / Notizen

Çift Devirli Motorlu Güç Devir Sayfaları



Double Speed Geared Motors Performance Tables

Leistungs- und Drehzahlübersicht von polumschaltbaren Getriebemotoren

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	1,1 / 6,6	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	1,2 / 7,6	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	1,3 / 8,1	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	1,5 / 9,5	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	1,8 / 10,9	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	2,0 / 12,5	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	2,4 / 15,1	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	2,9 / 18,1	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	3,5 / 21,6	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	4,1 / 25,0	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
	4,9 / 30,0	**M8 (5m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUD**	12583	60	
	5,8 / 35,8	**M7 (4m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUD**	14190	60	
Ø110	1,2 / 7,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	1,3 / 8,3	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	1,4 / 8,9	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	1,7 / 10,4	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	1,9 / 12,9	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	2,2 / 13,7	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	2,7 / 16,6	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	3,2 / 19,9	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	3,8 / 23,7	**M7 (4m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	17045	53	
	4,5 / 27,5	**M7 (4m)**	0,8 / 4,9	13 / 80	551 / 554	**36,38**	**VR273.1K-E112MUD**	15301	60	
	5,3 / 33,3	**M7 (4m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUD**	14743	60	
	6,4 / 39,4	**M7 (4m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUD**	14190	60	
	3,9 / 24,2	**M8 (5m)**	0,37 / 2,5	11,3 / 70	292 / 324	**41,42**	**VR373.1K-E100LUD**	13822	82	369
	4,6 / 28,2	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	5,1 / 31,2	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	5,9 / 36,4	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	12097	90	
	6,9 / 42,5	**M8 (5m)**	0,8 / 4,9	19,9 / 123	361 / 363	**23,58**	**VR373.1K-E112MUD**	12781	90	
Ø120	1,3 / 7,9	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	1,5 / 9,1	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	1,6 / 9,7	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	1,8 / 11,4	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	2,1 / 13,1	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	2,4 / 15,0	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	2,9 / 18,1	**M7 (4m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	18566	53	
	3,5 / 21,7	**M7 (4m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	17791	53	
	4,2 / 25,9	**M7 (4m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	17045	53	
	3,4 / 20,9	**M8 (5m)**	0,37 / 2,5	9,0 / 55	367 / 407	**52,30**	**VR373.1K-E100LUD**	14769	82	369
	4,3 / 26,4	**M8 (5m)**	0,37 / 2,5	11,3 / 70	292 / 324	**41,42**	**VR373.1K-E100LUD**	13822	82	
	5,0 / 30,8	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	5,5 / 34	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	6,4 / 39,7	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	12097	90	
	7,5 / 46,3	**M8 (5m)**	0,8 / 4,9	19,9 / 123	361 / 363	**23,58**	**VR373.1K-E112MUD**	12781	90	
Ø130	1,4 / 8,6	**M7 (4m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	21969	53	368
	1,6 / 9,8	**M7 (4m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	21448	53	
	1,7 / 10,5	**M7 (4m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	21193	53	
	2,0 / 12,3	**M7 (4m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	20535	53	
	2,3 / 14,2	**M7 (4m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	19945	53	
	2,6 / 16,2	**M7 (4m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	19378	53	
	3,2 / 19,6	**M7 (4m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	18566	53	
	3,8 / 23,5	**M6 (3m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	22166	53	
	1,6 / 9,7	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	1,8 / 11,1	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	

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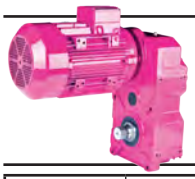

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø130	2,0 / 12,6	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	369
	2,4 / 14,9	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	2,8 / 17,6	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	
	3,3 / 20,5	**M8 (5m)**	0,37 / 2,5	8,1 / 50	405 / 449	**57,79**	**VR373.1K-E100LUD**	15190	82	
	3,7 / 22,6	**M8 (5m)**	0,37 / 2,5	9,0 / 55	367 / 407	**52,30**	**VR373.1K-E100LUD**	14769	82	
	4,6 / 28,6	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	5,4 / 33,4	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	6,0 / 36,9	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	7,0 / 43	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	12097	90	
	8,1 / 50,2	**M8 (5m)**	0,8 / 4,9	19,9 / 123	361 / 363	**23,58**	**VR373.1K-E112MUD**	12781	90	
Ø140	1,5 / 9,2	**M6 (3m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	27890	53	368
	1,7 / 10,6	**M6 (3m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	27133	53	
	1,8 / 11,3	**M6 (3m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	26770	53	
	2,2 / 13,3	**M6 (3m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	25847	53	
	2,5 / 15,3	**M6 (3m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	25036	53	
	2,8 / 17,5	**M6 (3m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	24269	53	
	3,4 / 21,1	**M5 (2m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	28994	53	
	4,1 / 25,3	**M5 (2m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	27666	53	
	1,7 / 10,5	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	1,9 / 11,9	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	2,2 / 13,5	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	2,6 / 16,1	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	3,1 / 18,9	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	
	3,6 / 22,1	**M8 (5m)**	0,37 / 2,5	8,1 / 50	405 / 449	**57,79**	**VR373.1K-E100LUD**	15190	82	
	4,0 / 24,4	**M8 (5m)**	0,37 / 2,5	9,0 / 55	367 / 407	**52,30**	**VR373.1K-E100LUD**	14769	82	
	5,0 / 30,8	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	5,8 / 35,9	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	6,4 / 39,7	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	7,5 / 46,3	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	12097	90	
	8,8 / 54,1	**M8 (5m)**	0,8 / 4,9	19,9 / 123	361 / 363	**23,58**	**VR373.1K-E112MUD**	12781	90	
Ø150	1,8 / 11,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	2,1 / 12,8	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	2,3 / 14,5	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	2,8 / 17,2	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	3,3 / 20,3	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	
	3,8 / 23,6	**M8 (5m)**	0,8 / 2,5	8,1 / 50	876 / 449	**57,79**	**VR373.1K-E100LUD**	15190	82	
	4,2 / 26,1	**M8 (5m)**	0,8 / 2,5	9,0 / 55	794 / 407	**52,30**	**VR373.1K-E100LUD**	14769	82	
	5,3 / 33	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	6,2 / 38,5	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	6,9 / 42,5	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	8,0 / 49,6	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	12097	90	
	9,4 / 57,9	**M8 (5m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13549	107	
Ø160	1,9 / 12	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	2,2 / 13,7	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	2,5 / 15,4	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	3,0 / 18,4	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	3,5 / 21,6	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	
	4,1 / 25,2	**M8 (5m)**	0,37 / 2,5	8,1 / 50	405 / 449	**57,79**	**VR373.1K-E100LUD**	15190	82	
	4,5 / 27,9	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14769	90	
	5,7 / 35,2	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	6,7 / 41,1	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	7,4 / 45,4	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	8,6 / 52,9	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	12097	90	
	10 / 61,8	**M8 (5m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13549	107	
Ø170	2,1 / 12,7	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	2,4 / 14,5	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	2,7 / 16,4	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	369
	3,2 / 19,5	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	3,7 / 23	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	
	4,3 / 26,8	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	15190	90	
	4,8 / 29,6	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	
	6,1 / 37,4	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	7,1 / 43,6	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	7,8 / 48,2	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	9,1 / 56,2	**M8 (5m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	11677	107	
	10,6 / 65,6	**M8 (5m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13549	107	
Ø180	2,2 / 13,5	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	2,5 / 15,4	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	2,8 / 17,4	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	3,3 / 20,7	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	3,9 / 24,3	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	
	4,6 / 28,4	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	14749	90	
	5,1 / 31,3	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	
	6,4 / 39,6	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	7,5 / 46,2	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	8,3 / 51	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	

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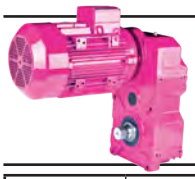
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,7 / 4,0	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,8 / 4,7	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,9 / 5,5	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	1,0 / 6,2	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	1,5 / 9,0	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	1,7 / 10,8	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	2,0 / 12,5	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
	2,4 / 15,0	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUD**	12583	53	
	2,9 / 17,9	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUD**	12039	53	
Ø110	0,6 / 3,6	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,7 / 4,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,7 / 4,4	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,8 / 5,2	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	1,0 / 6,0	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	1,1 / 6,9	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	1,3 / 8,3	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	1,6 / 9,9	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	1,9 / 11,9	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	2,2 / 13,8	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
	2,7 / 16,5	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUD**	12583	53	
	3,2 / 19,7	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUD**	12039	53	
Ø120	0,6 / 4,0	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,7 / 4,5	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,8 / 4,8	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,9 / 5,7	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	1,1 / 6,5	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	1,5 / 9,0	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	1,8 / 10,8	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	2,1 / 12,9	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	2,4 / 15,0	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
	2,9 / 18,0	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUD**	12583	53	
	3,5 / 21,5	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUD**	12039	53	
Ø130	0,7 / 4,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,8 / 4,9	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,8 / 5,2	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	1,0 / 6,2	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	1,1 / 7,1	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	1,3 / 8,1	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	1,6 / 9,8	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	1,9 / 11,8	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	2,3 / 14,0	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	2,6 / 16,3	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
	3,2 / 19,5	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUD**	12583	53	
	3,8 / 23,3	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUD**	12039	53	
Ø140	0,7 / 4,6	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,9 / 5,3	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,9 / 5,6	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	1,1 / 6,6	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	1,2 / 7,6	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	1,4 / 8,7	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	1,7 / 10,6	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	2,1 / 12,7	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	2,4 / 15,1	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	2,8 / 17,5	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
	3,4 / 21,0	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUD**	12583	53	
	4,1 / 25,1	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUD**	12039	53	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	1,1 / 6,6	**M5 (2m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	35334	53	368
	1,2 / 7,6	**M5 (2m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	34281	53	
	1,3 / 8,1	**M5 (2m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	33782	53	
	1,5 / 9,5	**M5 (2m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	32524	53	
	1,8 / 10,9	**M5 (2m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	31438	53	
	2,0 / 12,5	**M4 (1Am)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	37991	53	
	2,4 / 15,1	**M4 (1Am)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	36147	53	
	2,9 / 18,1	**M4 (1Am)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	34439	53	
	3,5 / 21,6	**M4 (1Am)**	0,8 / 4,9	11 / 69	637 / 640	**42,22**	**VR273.1K-E112MUD**	31540	60	
	4,1 / 25,0	**M6 (3m)**	0,8 / 4,9	13 / 80	551 / 554	**36,38**	**VR273.1K-E112MUD**	19270	60	
	4,9 / 30,0	**M6 (3m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUD**	18501	60	
	5,8 / 35,8	**M6 (3m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUD**	17754	60	
Ø110	1,3 / 8,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	1,5 / 9,4	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	1,7 / 10,6	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	2,0 / 12,6	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	2,4 / 14,9	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	
	2,8 / 17,3	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	14749	90	
	3,1 / 19,2	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	
	3,9 / 24,2	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	4,6 / 28,2	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	5,1 / 31,2	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	5,9 / 36,4	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	12097	90	
	7,0 / 42,8	**M8 (5m)**	1,6 / 9,5	20,1 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	13505	107	
Ø120	1,5 / 9,0	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	1,7 / 10,2	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	1,9 / 11,6	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	2,2 / 13,8	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	2,6 / 16,2	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	
	3,1 / 18,9	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	14749	90	
	3,4 / 20,9	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	
	4,3 / 26,4	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	5,0 / 30,8	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	5,5 / 34	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	6,4 / 39,7	**M8 (5m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	11677	107	
	7,6 / 46,7	**M7 (4m)**	1,6 / 9,5	20,1 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	16238	107	
Ø130	1,6 / 9,7	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	1,8 / 11,1	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	2,0 / 12,6	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	2,4 / 14,9	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	2,8 / 17,6	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	15336	90	
	3,3 / 20,5	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	14749	90	
	3,7 / 22,6	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	
	4,6 / 28,6	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	5,4 / 33,4	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	6,0 / 36,9	**M7 (4m)**	1,6 / 4,9	14,6 / 90	980 / 494	**32,11**	**VR373.1K-E112MUD**	15613	90	
	7,0 / 43	**M7 (4m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	14552	107	
	8,2 / 50,6	**M7 (4m)**	1,6 / 9,5	20,1 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	16238	107	
Ø140	1,7 / 10,5	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	1,9 / 11,9	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	2,2 / 13,5	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	2,6 / 16,1	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	3,1 / 18,9	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	15336	90	
	3,6 / 22,1	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	14749	90	
	4,0 / 24,4	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	
	5,0 / 30,8	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	5,8 / 35,9	**M7 (4m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	16053	90	
	6,4 / 39,7	**M7 (4m)**	1,6 / 9,5	14,6 / 90	980 / 957	**32,11**	**VR373.1K-E132MUE**	15133	107	
	7,5 / 46,3	**M7 (4m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	14552	107	

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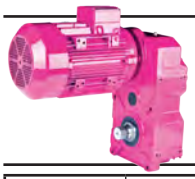

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø140	8,9 / 54,5	**M7 (4m)**	1,6 / 9,5	20,1 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	16238	107	369
Ø150	1,8 / 11,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	2,1 / 12,8	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	2,3 / 14,5	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	2,8 / 17,2	**M8 (5m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUD**	15957	90	
	3,3 / 20,3	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	15336	90	
	3,8 / 23,6	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	14749	90	
	4,2 / 26,1	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	17850	90	
	5,3 / 33	**M7 (4m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	16752	90	
	6,2 / 38,5	**M7 (4m)**	1,6 / 9,5	13,2 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	15516	107	
	6,9 / 42,5	**M7 (4m)**	1,6 / 9,5	14,6 / 90	980 / 957	**32,11**	**VR373.1K-E132MUE**	15133	107	
	8,0 / 49,6	**M7 (4m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	14552	107	
	9,5 / 58,4	**M6 (3m)**	1,6 / 9,5	20,1 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	19545	107	
Ø160	1,9 / 12	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	2,2 / 13,7	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	2,5 / 15,4	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	3,0 / 18,4	**M8 (5m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUD**	15957	90	
	3,5 / 21,6	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	15336	90	
	4,1 / 25,2	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	18333	90	
	4,5 / 27,9	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	17850	90	
	5,7 / 35,2	**M7 (4m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	16752	90	
	6,7 / 41,1	**M7 (4m)**	1,6 / 9,5	13,2 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	15516	107	
	7,4 / 45,4	**M7 (4m)**	1,6 / 9,5	14,6 / 90	980 / 957	**32,11**	**VR373.1K-E132MUE**	15133	107	
	8,6 / 52,9	**M6 (3m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	18029	107	
	10,1 / 62,3	**M6 (3m)**	1,6 / 9,5	20,1 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	19545	107	
Ø170	2,1 / 12,7	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	2,4 / 14,5	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	2,7 / 16,4	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	3,2 / 19,5	**M8 (5m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUD**	15957	90	
	3,7 / 23	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	19096	90	
	4,3 / 26,8	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	18333	90	
	4,8 / 29,6	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	17850	90	
	6,1 / 37,4	**M7 (4m)**	1,6 / 9,5	11,3 / 70	1261 / 1230	**41,42**	**VR373.1K-E132MUE**	16111	107	
	7,1 / 43,6	**M6 (3m)**	1,6 / 9,5	13,2 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	19277	107	
	7,8 / 48,2	**M6 (3m)**	1,6 / 9,5	14,6 / 90	980 / 957	**32,11**	**VR373.1K-E132MUE**	18780	107	
	9,1 / 56,2	**M6 (3m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	18029	107	
	10,8 / 66,2	**M6 (3m)**	1,6 / 9,5	20,1 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	19545	107	
Ø180	2,2 / 13,5	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	2,5 / 15,4	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	2,8 / 17,4	**M8 (5m)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUD**	16621	90	
	3,3 / 20,7	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUD**	19913	90	
	3,9 / 24,3	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	19096	90	
	4,6 / 28,4	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	18333	90	
	5,1 / 31,3	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	17850	90	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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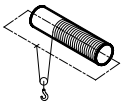

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,7 / 4,0	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,8 / 4,7	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,9 / 5,5	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	1,0 / 6,2	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	1,5 / 9,0	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	1,7 / 10,8	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	2,0 / 12,5	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
	2,4 / 15,0	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUD**	12583	53	
	2,9 / 17,9	**M8 (5m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUD**	12039	60	
Ø110	0,6 / 3,6	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,7 / 4,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,7 / 4,4	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,8 / 5,2	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	1,0 / 6,0	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	1,1 / 6,9	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	1,3 / 8,3	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	1,6 / 9,9	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	1,9 / 11,9	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	2,2 / 13,8	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
	2,7 / 16,5	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUD**	12583	53	
	3,2 / 19,7	**M8 (5m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUD**	12039	60	
Ø120	0,6 / 4,0	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,7 / 4,5	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,8 / 4,8	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,9 / 5,7	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	1,1 / 6,5	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	1,5 / 9,0	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	1,8 / 10,8	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	2,1 / 12,9	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	2,4 / 15,0	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
Ø130	0,7 / 4,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,8 / 4,9	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,8 / 5,2	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	1,0 / 6,2	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	1,1 / 7,2	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	1,3 / 8,1	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	1,6 / 9,8	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	1,9 / 11,8	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	2,3 / 14,0	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	2,6 / 16,3	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
Ø140	0.7 / 4,6	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0.9 / 5,3	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0.9 / 5,6	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	1.1 / 6,6	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	1.2 / 7,6	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	1.4 / 8,7	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	1.7 / 10,6	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	2.1 / 12,7	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	2.4 / 15,1	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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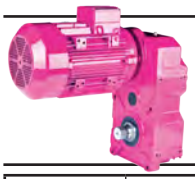
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	1,8 / 11,2	**M8 (5m)**	0,37 / 2,5	3,4 / 21	960 / 1062	**138,35**	**VR473.1K-E100LUD**	40184	115	370
	2,1 / 12,7	**M8 (5m)**	0,37 / 2,5	3,9 / 24	845 / 936	**121,49**	**VR473.1K-E100LUD**	41738	115	
	2,5 / 15,3	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	2,6 / 16,1	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	3,1 / 19,1	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	3,6 / 21,9	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	4,1 / 25	**M8 (5m)**	0,8 / 4,9	7,6 / 47	937 / 942	**61,85**	**VR473.1K-E112MUD**	46230	122	
	4,7 / 28,7	**M8 (5m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	45131	147	
	5,4 / 33	**M8 (5m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	44027	147	
	6,1 / 37,6	**M8 (5m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	42575	147	
	7,4 / 45,6	**M8 (5m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	40489	147	
	8,8 / 55,1	**M7 (4m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	46483	227	
	8,9 / 55,4	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	371
Ø180	1,9 / 11,8	**M8 (5m)**	0,37 / 2,5	3,4 / 21	960 / 1062	**138,35**	**VR473.1K-E100LUD**	40184	115	370
	2,2 / 13,5	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	2,6 / 16,2	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	2,8 / 17,1	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	3,3 / 20,2	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	3,8 / 23,2	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	4,3 / 26,5	**M8 (5m)**	0,8 / 4,9	7,6 / 47	937 / 942	**61,85**	**VR473.1K-E112MUD**	46230	122	
	4,9 / 30,4	**M8 (5m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	45131	147	
	5,7 / 34,9	**M8 (5m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	44027	147	
	6,5 / 39,8	**M8 (5m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	42575	147	
	7,8 / 48,2	**M7 (4m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	49008	147	
	9,3 / 58,3	**M7 (4m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	46483	227	
	7,1 / 43,9	**M8 (5m)**	1,6 / 9,5	12,6 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	77633	221	371
	8,0 / 49,4	**M8 (5m)**	1,6 / 9,5	14,2 / 87	1013 / 992	**33,46**	**VR573.1K-E132MUE**	78568	221	
	9,4 / 58,6	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø190	2,0 / 12,5	**M8 (5m)**	0,37 / 2,5	3,4 / 21	960 / 1062	**138,35**	**VR473.1K-E100LUD**	40184	115	370
	2,3 / 14,2	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	2,8 / 17	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	2,9 / 18	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	3,5 / 21,4	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	4,0 / 24,5	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	4,5 / 28	**M8 (5m)**	1,6 / 9,5	7,6 / 47	1875 / 1826	**61,85**	**VR473.1K-E132MUE**	44259	147	
	5,2 / 32,1	**M8 (5m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	45131	147	
	6,0 / 36,8	**M8 (5m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	44027	147	
	6,8 / 42	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	48548	147	
	8,3 / 50,9	**M7 (4m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	49008	147	
	9,9 / 61,5	**M7 (4m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	46483	227	
	6,6 / 40,9	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	371
	7,5 / 46,4	**M8 (5m)**	1,6 / 9,5	12,6 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	77633	221	
	8,5 / 52,2	**M8 (5m)**	1,6 / 9,5	14,2 / 87	1013 / 992	**33,46**	**VR573.1K-E132MUE**	78568	221	
	9,9 / 61,9	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø200	2,1 / 13,2	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	2,4 / 15	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	2,9 / 17,9	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	3,1 / 19	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	3,6 / 22,5	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	4,2 / 25,8	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	4,8 / 29,4	**M8 (5m)**	1,6 / 9,5	7,6 / 47	1875 / 1826	**61,85**	**VR473.1K-E132MUE**	44259	147	
	5,5 / 33,8	**M8 (5m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	45131	147	
	6,3 / 38,8	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	47992	147	
	7,2 / 44,3	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	48548	147	
	8,7 / 53,6	**M7 (4m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	49008	147	

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø200	10,4 / 64,8	**M7 (4m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	46483	227	370
	5,7 / 35,3	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	371
	7,0 / 43,1	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	7,9 / 48,8	**M8 (5m)**	1,6 / 9,5	12,6 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	77633	221	
	8,9 / 54,9	**M8 (5m)**	2,6 / 16	14,2 / 87	1647 / 1670	**33,46**	**VR573.1K-E160LUE**	78988	305	
	10,4 / 65,1	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø210	2,2 / 13,8	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	2,6 / 15,7	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	3,1 / 18,8	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	3,2 / 19,9	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	3,8 / 23,6	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	4,4 / 27,1	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	5,0 / 30,9	**M7 (4m)**	1,6 / 9,5	7,6 / 47	1875 / 1826	**61,85**	**VR473.1K-E132MUE**	46629	147	
	5,8 / 35,5	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	47357	147	
	6,6 / 40,7	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	47992	147	
	7,5 / 46,5	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	48548	147	
	9,1 / 56,3	**M7 (4m)**	2,6 / 16	13,9 / 85	1682 / 1704	**34,28**	**VR473.1K-E160LUE**	47470	227	
	10,9 / 68	**M6 (3m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	49947	227	
	4,5 / 27,7	**M8 (5m)**	0,8 / 4,9	6,8 / 42	1049 / 1054	**69,00**	**VR573.1K-E112MUD**	72763	196	371
	5,3 / 32,8	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1778 / 1733	**58,36**	**VR573.1K-E132MUE**	74607	221	
	6,0 / 37,1	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	7,3 / 45,3	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	8,3 / 51,2	**M8 (5m)**	1,6 / 9,5	12,6 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	77633	221	
	9,4 / 57,7	**M8 (5m)**	2,6 / 16	14,2 / 87	1647 / 1670	**33,46**	**VR573.1K-E160LUE**	78988	305	
	11 / 68,4	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø220	2,3 / 14,5	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	2,7 / 16,5	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	3,2 / 19,7	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	3,4 / 20,9	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	4,0 / 24,7	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	4,6 / 28,4	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2136 / 2079	**70,59**	**VR473.1K-E132MUE**	45795	147	
	5,2 / 32,4	**M7 (4m)**	1,6 / 9,5	7,6 / 47	1875 / 1826	**61,85**	**VR473.1K-E132MUE**	46629	147	
	6,0 / 37,2	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	47357	147	
	6,9 / 42,7	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	47992	147	
	7,9 / 48,7	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	48548	147	
	9,6 / 59	**M6 (3m)**	2,6 / 16	13,9 / 85	1682 / 1704	**34,28**	**VR473.1K-E160LUE**	49401	227	
	11,4 / 71,3	**M6 (3m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	49947	227	
	4,2 / 25,8	**M8 (5m)**	0,8 / 4,9	6,1 / 37	1179 / 1184	**77,63**	**VR573.1K-E112MUD**	70613	196	371
	4,7 / 29	**M8 (5m)**	1,6 / 9,5	6,8 / 42	2098 / 2044	**69,00**	**VR573.1K-E132MUE**	73129	221	
	5,6 / 34,3	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1778 / 1733	**58,36**	**VR573.1K-E132MUE**	74441	221	
	6,3 / 38,9	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75837	221	
	7,7 / 47,4	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76519	221	
	8,7 / 53,7	**M8 (5m)**	1,6 / 9,5	12,6 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	77568	221	
	9,8 / 60,4	**M8 (5m)**	2,6 / 16	14,2 / 87	1647 / 1670	**33,46**	**VR573.1K-E160LUE**	78842	305	
	11,5 / 71,6	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø230	2,5 / 15,1	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	2,8 / 17,2	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	3,3 / 20,6	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	3,5 / 21,8	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	4,2 / 25,9	**M7 (4m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	47428	122	
	4,8 / 29,7	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2136 / 2079	**70,59**	**VR473.1K-E132MUE**	45795	147	
	5,5 / 33,9	**M7 (4m)**	1,6 / 9,5	7,6 / 47	1875 / 1826	**61,85**	**VR473.1K-E132MUE**	46629	147	
	6,3 / 38,9	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	47357	147	
	7,2 / 44,6	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	47992	147	
	8,3 / 50,9	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	48548	147	

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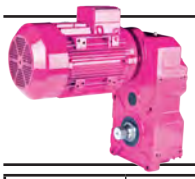

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø230	3,9 / 23,8	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUD**	68206	196	371
	4,4 / 27	**M8 (5m)**	0,8 / 4,9	6,1 / 37	1179 / 1184	**77,63**	**VR573.1K-E112MUD**	70695	196	
	4,9 / 30,4	**M8 (5m)**	1,6 / 9,5	6,8 / 42	2098 / 2044	**69,00**	**VR573.1K-E132MUE**	73365	221	
	5,8 / 35,9	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1778 / 1733	**58,36**	**VR573.1K-E132MUE**	74607	221	
	6,6 / 40,6	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	8,0 / 49,6	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	9,1 / 56,1	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	10,3 / 63,1	**M8 (5m)**	2,6 / 16	14,2 / 87	1647 / 1670	**33,46**	**VR573.1K-E160LUE**	78988	305	
	12 / 74,9	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø240	2,6 / 15,8	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	2,9 / 18	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	3,5 / 21,5	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	3,7 / 22,8	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	45705	122	
	4,4 / 27	**M7 (4m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	47428	122	
	5,0 / 31	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2136 / 2079	**70,59**	**VR473.1K-E132MUE**	45795	147	
	5,7 / 35,3	**M7 (4m)**	1,6 / 9,5	7,6 / 47	1875 / 1826	**61,85**	**VR473.1K-E132MUE**	46629	147	
	6,6 / 40,6	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	47357	147	
	7,6 / 46,5	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	47992	147	
	8,6 / 53,1	**M6 (3m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	50591	147	
	4,0 / 24,9	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUD**	68206	196	371
	4,6 / 28,2	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	71363	221	
	5,1 / 31,7	**M8 (5m)**	1,6 / 9,5	6,8 / 42	2098 / 2044	**69,00**	**VR573.1K-E132MUE**	73365	221	
	6,1 / 37,4	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1778 / 1733	**58,36**	**VR573.1K-E132MUE**	74607	221	
	6,9 / 42,4	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	8,4 / 51,7	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	9,5 / 58,6	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	10,7 / 65,9	**M8 (5m)**	2,6 / 16	14,2 / 87	1647 / 1670	**33,46**	**VR573.1K-E160LUE**	78988	305	
	12,5 / 78,2	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	

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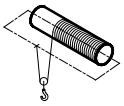

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,7 / 4,0	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,8 / 4,7	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,9 / 5,5	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	1,0 / 6,2	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	1,5 / 9,0	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	1,7 / 10,8	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	2,0 / 12,5	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
	2,4 / 15,0	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUD**	12583	53	
	2,9 / 17,9	**M7 (4m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUD**	12039	60	
Ø110	0,6 / 3,6	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,7 / 4,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,7 / 4,4	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,8 / 5,2	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	1,0 / 6,0	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	1,1 / 6,9	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	1,3 / 8,3	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	1,6 / 9,9	**M7 (4m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	1,9 / 11,9	**M7 (4m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	2,2 / 13,8	**M7 (4m)**	0,8 / 4,9	13 / 80	551 / 554	**36,38**	**VR273.1K-E112MUD**	13151	60	
	2,7 / 16,5	**M7 (4m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUD**	12583	60	
	3,2 / 19,7	**M7 (4m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUD**	12039	60	
	2,0 / 12,1	**M8 (5m)**	0,37 / 2,5	11,3 / 70	292 / 324	**41,42**	**VR373.1K-E100LUD**	13822	82	369
	2,3 / 14,1	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	2,5 / 15,6	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	2,9 / 18,2	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	12097	90	
	3,4 / 21,2	**M8 (5m)**	0,8 / 4,9	19,9 / 123	361 / 363	**23,58**	**VR373.1K-E112MUD**	12781	90	
Ø120	0,6 / 4,0	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,7 / 4,5	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,8 / 4,8	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,9 / 5,7	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	1,1 / 6,5	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	1,5 / 9,0	**M7 (4m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	1,8 / 10,8	**M7 (4m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	2,1 / 12,9	**M7 (4m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	1,7 / 10,4	**M8 (5m)**	0,37 / 2,5	9,0 / 55	367 / 407	**52,30**	**VR373.1K-E100LUD**	14769	82	369
	2,1 / 13,2	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	2,5 / 15,4	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	2,8 / 17	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	3,2 / 19,8	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	12097	90	
	3,8 / 23,2	**M8 (5m)**	0,8 / 4,9	19,9 / 123	361 / 363	**23,58**	**VR373.1K-E112MUD**	12781	90	
Ø130	0.7 / 4,3	**M7 (4m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0.8 / 4,9	**M7 (4m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0.8 / 5,2	**M7 (4m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	1.0 / 6,2	**M7 (4m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	1.1 / 7,1	**M7 (4m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	1.3 / 8,1	**M7 (4m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	1.6 / 9,8	**M6 (3m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	1.9 / 11,8	**M6 (3m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	0,8 / 4,9	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	0,9 / 5,5	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	

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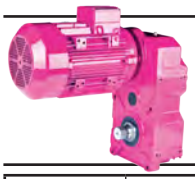
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø130	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	369
	1,4 / 8,8	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	
	1,7 / 10,2	**M8 (5m)**	0,37 / 2,5	8,1 / 50	405 / 449	**57,79**	**VR373.1K-E100LUD**	15190	82	
	1,8 / 11,3	**M8 (5m)**	0,37 / 2,5	9,0 / 55	367 / 407	**52,30**	**VR373.1K-E100LUD**	14769	82	
	2,3 / 14,3	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	2,7 / 16,7	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	3,0 / 18,4	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	3,5 / 21,5	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	12097	90	
	4,1 / 25,1	**M8 (5m)**	0,8 / 4,9	19,9 / 123	361 / 363	**23,58**	**VR373.1K-E112MUD**	12781	90	
Ø140	0,7 / 4,6	**M6 (3m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,9 / 5,3	**M6 (3m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,9 / 5,6	**M6 (3m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	1,1 / 6,6	**M6 (3m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	1,2 / 7,6	**M6 (3m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	1,4 / 8,7	**M5 (2m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	1,7 / 10,6	**M5 (2m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	2,1 / 12,7	**M5 (2m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	0,8 / 5,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	1,0 / 6	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	1,1 / 6,8	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	1,3 / 8	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	1,5 / 9,5	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	
	1,8 / 11	**M8 (5m)**	0,37 / 2,5	8,1 / 50	405 / 449	**57,79**	**VR373.1K-E100LUD**	15190	82	
	2,0 / 12,2	**M8 (5m)**	0,37 / 2,5	9,0 / 55	367 / 407	**52,30**	**VR373.1K-E100LUD**	14769	82	
	2,5 / 15,4	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	2,9 / 18	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	3,2 / 19,8	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	3,8 / 23,1	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	12097	90	
	4,4 / 27	**M8 (5m)**	0,8 / 4,9	19,9 / 123	361 / 363	**23,58**	**VR373.1K-E112MUD**	12781	90	
Ø150	0,9 / 5,6	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	1,0 / 6,4	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	1,2 / 7,2	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	1,4 / 8,6	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	1,6 / 10,1	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	
	1,9 / 11,8	**M8 (5m)**	0,37 / 2,5	8,1 / 50	405 / 449	**57,79**	**VR373.1K-E100LUD**	15190	82	
	2,1 / 13,1	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	
	2,7 / 16,5	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	3,1 / 19,2	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	3,4 / 21,3	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	4,0 / 24,8	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	12097	90	
	4,7 / 29	**M8 (5m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13549	107	
Ø160	1,0 / 6,0	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	1,1 / 6,8	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	1,3 / 7,7	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	1,5 / 9,2	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	1,8 / 10,8	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	
	2,0 / 12,6	**M8 (5m)**	0,37 / 2,5	8,1 / 50	405 / 449	**57,79**	**VR373.1K-E100LUD**	15190	82	
	2,3 / 13,9	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	
	2,9 / 17,6	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	3,3 / 20,5	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	3,7 / 22,7	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	4,3 / 26,5	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	12097	90	
	5,0 / 30,9	**M8 (5m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13549	107	
Ø170	1,0 / 6,4	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	1,2 / 7,3	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	1,3 / 8,2	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	1,6 / 9,8	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	

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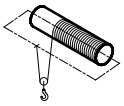

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	1,9 / 11,5	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	369
	2,2 / 13,4	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	14749	90	
	2,4 / 14,8	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	
	3,0 / 18,7	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	3,5 / 21,8	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	3,9 / 24,1	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	4,6 / 28,1	**M8 (5m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	11677	107	
	5,3 / 32,8	**M8 (5m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13549	107	
Ø180	1,1 / 6,7	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	1,2 / 7,7	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	1,4 / 8,7	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	1,7 / 10,3	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	2,0 / 12,2	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	
	2,3 / 14,2	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	14749	90	
	2,5 / 15,7	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	
	3,2 / 19,8	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	3,7 / 23,1	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	4,1 / 25,5	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	4,8 / 29,8	**M8 (5m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	11677	107	
	5,6 / 34,7	**M7 (4m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	16289	107	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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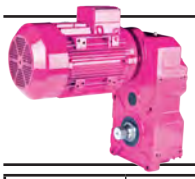
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,3 / 1,7	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,3 / 1,9	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,3 / 2,0	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,4 / 2,4	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,4 / 2,7	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0,5 / 3,1	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	0,7 / 4,5	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	0,9 / 5,4	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUD**	12583	53	
	1,5 / 8,9	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUD**	12039	53	
Ø110	0,3 / 1,8	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,3 / 2,1	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,4 / 2,2	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,5 / 3,0	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0,6 / 3,4	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0,7 / 4,1	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	0,8 / 5,0	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	1,0 / 5,9	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	1,1 / 6,9	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
	1,3 / 8,3	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUD**	12583	53	
	1,6 / 9,8	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUD**	12039	53	
Ø120	0,3 / 2,0	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,4 / 2,3	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,4 / 2,4	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,5 / 2,8	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0,6 / 3,7	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0,7 / 4,5	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	0,9 / 5,4	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	1,0 / 6,5	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
	1,5 / 9,0	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUD**	12583	53	
	1,7 / 10,7	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUD**	12039	53	
Ø130	0,3 / 2,1	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,4 / 2,5	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,5 / 3,1	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,6 / 3,5	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0,7 / 4,1	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0,8 / 4,9	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	1,0 / 5,9	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	1,1 / 7,0	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	1,3 / 8,1	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
	1,6 / 9,8	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUD**	12583	53	
	1,9 / 11,6	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUD**	12039	53	
Ø140	0,4 / 2,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,5 / 2,8	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0,7 / 4,4	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0,9 / 5,3	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	1,4 / 8,8	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
	1,7 / 10,5	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUD**	12583	53	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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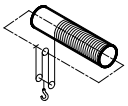

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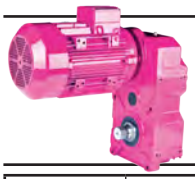
Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø140	2,0 / 12,5	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUD**	12039	53	368

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	1,8 / 11,2	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	2,1 / 12,7	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	2,5 / 15,3	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	2,6 / 16,1	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	3,1 / 19,1	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	3,6 / 21,9	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	4,1 / 25,2	**M7 (4m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	46633	147	
	4,7 / 28,7	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	47357	147	
	5,4 / 33	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	47992	147	
	6,1 / 37,6	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	48548	147	
	7,3 / 45,7	**M7 (4m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	47474	227	
	8,8 / 55,1	**M6 (3m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	49947	227	
	3,7 / 22,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	371
	4,3 / 26,8	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	4,9 / 30	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	5,9 / 36,6	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	6,7 / 41,5	**M8 (5m)**	1,6 / 9,5	12,6 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	77633	221	
	7,5 / 46,8	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
	8,9 / 55,4	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø180	1,9 / 11,8	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	2,2 / 13,5	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	2,6 / 16,2	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	2,8 / 17,1	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	3,3 / 20,2	**M7 (4m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	47428	122	
	3,8 / 23,2	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2136 / 2079	**70,59**	**VR473.1K-E132MUE**	45795	147	
	4,3 / 26,7	**M7 (4m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	46633	147	
	4,9 / 30,4	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	47357	147	
	5,7 / 34,9	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	47992	147	
	6,5 / 39,8	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	48548	147	
	7,8 / 48,4	**M6 (3m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	49404	227	
	9,3 / 58,3	**M6 (3m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	49947	227	
	3,0 / 18,6	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUD**	68206	196	371
	3,4 / 21,1	**M8 (5m)**	0,8 / 4,9	6,1 / 37	1179 / 1184	**77,63**	**VR573.1K-E112MUD**	70695	196	
	3,9 / 24	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	4,6 / 28,3	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	5,2 / 31,8	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	6,3 / 38,8	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	7,1 / 43,9	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	7,9 / 49,6	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
	9,4 / 58,6	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø190	2,0 / 12,5	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	2,3 / 14,2	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	2,8 / 17	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	2,9 / 18	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	45705	122	
	3,5 / 21,4	**M7 (4m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	47428	122	
	4,0 / 24,5	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2136 / 2079	**70,59**	**VR473.1K-E132MUE**	45795	147	
	4,6 / 28,2	**M7 (4m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	46633	147	
	5,2 / 32,1	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	47357	147	
	6,0 / 36,8	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	47992	147	
	6,8 / 42	**M6 (3m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	50591	147	
	8,2 / 51,1	**M6 (3m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	49404	227	
	9,9 / 61,5	**M6 (3m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	49947	227	
	3,2 / 19,7	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUD**	68206	196	371
	3,6 / 22,3	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	71363	221	
	4,1 / 25,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	4,9 / 29,9	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	5,5 / 33,6	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	6,6 / 40,9	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	371
	7,5 / 46,4	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	8,4 / 52,3	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
	9,9 / 61,9	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø200	2,1 / 13,2	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	2,4 / 15	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	2,9 / 17,9	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	44588	122	
	3,1 / 19	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	45705	122	
	3,6 / 22,5	**M7 (4m)**	1,6 / 9,5	5,8 / 36	2445 / 2380	**81,00**	**VR473.1K-E132MUE**	44830	147	
	4,2 / 25,8	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2136 / 2079	**70,59**	**VR473.1K-E132MUE**	45795	147	
	4,8 / 29,7	**M7 (4m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	46633	147	
	5,5 / 33,8	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	47357	147	
	6,3 / 38,8	**M6 (3m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	50156	147	
	7,2 / 44,3	**M6 (3m)**	2,6 / 16	11,4 / 70	2033 / 2059	**41,50**	**VR473.1K-E160LUE**	48720	227	
	8,6 / 53,8	**M6 (3m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	49404	227	
	10,4 / 64,8	**M6 (3m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	49947	227	
	2,8 / 17	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	371
	3,4 / 20,7	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUD**	68206	196	
	3,8 / 23,5	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	71363	221	
	4,3 / 26,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	5,1 / 31,5	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	5,7 / 35,3	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	7,0 / 43,1	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	7,9 / 48,8	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	8,8 / 55,1	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
	10,4 / 65,1	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø210	2,2 / 13,8	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	2,6 / 15,7	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	43489	122	
	3,1 / 18,8	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	44588	122	
	3,2 / 19,9	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	45705	122	
	3,8 / 23,6	**M7 (4m)**	1,6 / 9,5	5,8 / 36	2445 / 2380	**81,00**	**VR473.1K-E132MUE**	44830	147	
	4,4 / 27,1	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2136 / 2079	**70,59**	**VR473.1K-E132MUE**	45795	147	
	5,1 / 31,2	**M7 (4m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	46633	147	
	5,8 / 35,5	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	49658	147	
	6,6 / 40,7	**M6 (3m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	50156	147	
	7,5 / 46,5	**M6 (3m)**	2,6 / 16	11,4 / 70	2033 / 2059	**41,50**	**VR473.1K-E160LUE**	48720	227	
	9,0 / 56,5	**M6 (3m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	49404	227	
	10,9 / 68	**M5 (2m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	51886	227	
	2,4 / 15,1	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	371
	2,9 / 17,8	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	
	3,5 / 21,8	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUD**	68206	196	
	4,0 / 24,6	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	71363	221	
	4,5 / 28	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	5,4 / 33	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	6,0 / 37,1	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	7,3 / 45,3	**M8 (5m)**	2,6 / 16	11,1 / 69	2092 / 2121	**42,62**	**VR573.1K-E160LUE**	77128	305	
	8,3 / 51,2	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	9,3 / 57,8	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
	11 / 68,4	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø220	2,3 / 14,5	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	42061	122	370
	2,7 / 16,5	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	43489	122	
	3,2 / 19,7	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	44588	122	
	3,4 / 20,9	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	45705	122	
	4,0 / 24,7	**M7 (4m)**	1,6 / 9,5	5,8 / 36	2445 / 2380	**81,00**	**VR473.1K-E132MUE**	44830	147	
	4,6 / 28,4	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2136 / 2079	**70,59**	**VR473.1K-E132MUE**	45795	147	
	5,3 / 32,7	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	49088	147	
	6,0 / 37,2	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	49658	147	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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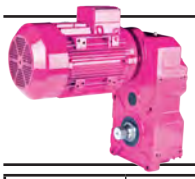
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø220	6,9 / 42,7	**M6 (3m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	50156	147	370
	7,9 / 48,7	**M6 (3m)**	2,6 / 16	11,4 / 70	2033 / 2059	**41,50**	**VR473.1K-E160LUE**	48720	227	
	9,5 / 59,2	**M6 (3m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	49404	227	
	11,4 / 71,3	**M5 (2m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	51886	227	
	2,0 / 12,2	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	48953	196	371
	2,3 / 14	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	56668	196	
	2,6 / 15,8	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62171	196	
	3,0 / 18,7	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65714	196	
	3,7 / 22,8	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	68541	221	
	4,2 / 25,8	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	71056	221	
	4,8 / 29,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73056	221	
	5,6 / 34,6	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74373	221	
	6,3 / 38,9	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75837	221	
	7,7 / 47,4	**M8 (5m)**	2,6 / 16	11,1 / 69	2092 / 2121	**42,62**	**VR573.1K-E160LUE**	76886	305	
	8,7 / 53,7	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	77914	305	
	9,7 / 60,6	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78821	305	
	11,5 / 71,6	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø230	2,5 / 15,1	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	42061	122	370
	2,8 / 17,2	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	43489	122	
	3,3 / 20,6	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	44588	122	
	3,5 / 21,8	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	45705	122	
	4,2 / 25,9	**M7 (4m)**	1,6 / 9,5	5,8 / 36	2445 / 2380	**81,00**	**VR473.1K-E132MUE**	44830	147	
	4,8 / 29,7	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2136 / 2079	**70,59**	**VR473.1K-E132MUE**	48428	147	
	5,5 / 34,2	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	49088	147	
	6,3 / 38,9	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	49658	147	
	2,1 / 12,8	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	2,4 / 14,6	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	2,7 / 16,5	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	3,2 / 19,5	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	
	3,9 / 23,8	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	68950	221	
	4,4 / 27	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	71363	221	
	5,0 / 30,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	5,9 / 36,2	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	6,6 / 40,6	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	8,0 / 49,6	**M8 (5m)**	2,6 / 16	11,1 / 69	2092 / 2121	**42,62**	**VR573.1K-E160LUE**	77128	305	
	9,1 / 56,1	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	10,1 / 63,4	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
Ø240	2,3 / 15,8	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2318 / 2082	**138,35**	**VR473.1K-E112MUD**	42061	122	370
	2,6 / 18	**M7 (4m)**	0,8 / 4,9	3,9 / 24	2076 / 1834	**121,49**	**VR473.1K-E112MUD**	43489	122	
	2,9 / 21,5	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1828 / 1538	**101,48**	**VR473.1K-E112MUD**	44588	122	
	3,5 / 22,8	**M7 (4m)**	1,6 / 9,5	4,9 / 30	3063 / 2820	**95,87**	**VR473.1K-E132MUE**	42589	147	
	3,7 / 27	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2897 / 2380	**81,00**	**VR473.1K-E132MUE**	47670	147	
	4,4 / 31	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2445 / 2079	**70,59**	**VR473.1K-E132MUE**	48428	147	
	5 / 35,6	**M6 (3m)**	1,6 / 9,5	7,7 / 47	2136 / 1810	**61,85**	**VR473.1K-E132MUE**	49088	147	
	5,8 / 40,6	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1855 / 1594	**54,35**	**VR473.1K-E132MUE**	49658	147	
	2,2 / 13,3	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	2,5 / 15,2	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	2,8 / 17,2	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	3,3 / 20,4	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	
	4,0 / 24,9	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	68950	221	
	4,6 / 28,2	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	71363	221	
	5,2 / 31,9	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	6,1 / 37,8	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	6,9 / 42,4	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	8,4 / 51,7	**M8 (5m)**	2,6 / 16	11,1 / 69	2092 / 2121	**42,62**	**VR573.1K-E160LUE**	77128	305	
	9,5 / 58,6	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	10,6 / 66,1	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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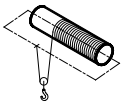

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,7 / 4,0	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,8 / 4,7	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,9 / 5,5	**M7 (4m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	19945	53	
	1,0 / 6,2	**M7 (4m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	19378	53	
	1,2 / 7,5	**M7 (4m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	18566	53	
	1,5 / 9,0	**M7 (4m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	17791	53	
	1,7 / 10,8	**M7 (4m)**	0,8 / 4,9	11 / 69	637 / 640	**42,22**	**VR273.1K-E112MUD**	17045	60	
	2,0 / 12,5	**M7 (4m)**	0,8 / 4,9	13 / 80	551 / 554	**36,38**	**VR273.1K-E112MUD**	15301	60	
	2,4 / 15,0	**M7 (4m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUD**	14743	60	
	2,9 / 17,9	**M6 (3m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUD**	17754	60	
Ø110	0,6 / 3,6	**M6 (3m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,7 / 4,2	**M6 (3m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,7 / 4,4	**M6 (3m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,8 / 5,2	**M6 (3m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	1,0 / 6,0	**M6 (3m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	19945	53	
	1,1 / 6,9	**M6 (3m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	19378	53	
	1,3 / 8,3	**M6 (3m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	18566	53	
	1,6 / 9,9	**M5 (2m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	17791	53	
	1,9 / 11,9	**M5 (2m)**	0,8 / 4,9	11 / 69	637 / 640	**42,22**	**VR273.1K-E112MUD**	17045	60	
	2,2 / 13,8	**M6 (3m)**	0,8 / 4,9	13 / 80	551 / 554	**36,38**	**VR273.1K-E112MUD**	15301	60	
	2,7 / 16,5	**M6 (3m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUD**	14743	60	
	3,2 / 19,7	**M6 (3m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUD**	17754	60	
	0,7 / 4,1	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	23158	82	369
	0,8 / 4,7	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	21885	82	
	0,9 / 5,3	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	21182	82	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	20221	82	
	1,2 / 7,4	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	19072	82	
	1,4 / 8,7	**M8 (5m)**	0,37 / 2,5	8,1 / 50	405 / 449	**57,79**	**VR373.1K-E100LUD**	18307	82	
	1,6 / 9,6	**M8 (5m)**	0,37 / 2,5	9,0 / 55	367 / 407	**52,30**	**VR373.1K-E100LUD**	17448	82	
	2,0 / 12,1	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	16429	90	
	2,3 / 14,1	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	15482	90	
	2,5 / 15,6	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	15095	90	
	2,9 / 18,2	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	14511	90	
	3,4 / 21,2	**M8 (5m)**	0,8 / 4,9	19,9 / 123	361 / 363	**23,58**	**VR373.1K-E112MUD**	13592	90	
Ø120	0.6 / 4,0	**M5 (2m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	35334	53	368
	0.7 / 4,5	**M5 (2m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	34281	53	
	0.8 / 4,8	**M5 (2m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	33782	53	
	0.9 / 5,7	**M5 (2m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	32524	53	
	1.1 / 6,5	**M4 (1Am)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	39320	53	
	1.2 / 7,5	**M4 (1Am)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	37991	53	
	1.5 / 9,0	**M4 (1Am)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	36147	53	
	1.8 / 10,8	**M4 (1Am)**	0,37 / 2,5	11,3 / 70	637 / 640	**50,36**	**VR273.1K-E100LUD**	34439	53	
	0,7 / 4,5	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	22710	82	369
	0,8 / 5,1	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	21885	82	
	0,9 / 5,8	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	21182	82	
	1,1 / 6,9	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	19898	82	
	1,3 / 8,1	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	19072	82	
	1,5 / 9,5	**M8 (5m)**	0,37 / 2,5	8,1 / 50	405 / 449	**57,79**	**VR373.1K-E100LUD**	17892	82	
	1,7 / 10,4	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	
	2,1 / 13,2	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	16429	90	
	2,5 / 15,4	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	15482	90	
	2,8 / 17	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	15095	90	
	3,2 / 19,8	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	14113	90	
	3,8 / 23,2	**M8 (5m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13592	107	

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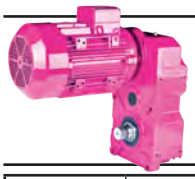

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø130	0,8 / 4,9	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	22710	82	369
	0,9 / 5,5	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	21885	82	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	21182	82	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	19898	82	
	1,4 / 8,8	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	19072	82	
	1,7 / 10,2	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	14749	90	
	1,8 / 11,3	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	17448	90	
	2,3 / 14,3	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	16088	90	
	2,7 / 16,7	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	15482	90	
	3,0 / 18,4	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	14631	90	
	3,5 / 21,5	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	14113	90	
	4,1 / 25,1	**M8 (5m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13592	107	
Ø140	0,8 / 5,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	22710	82	369
	1,0 / 6	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	21885	82	
	1,1 / 6,8	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	20798	82	
	1,3 / 8	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	19898	82	
	1,5 / 9,5	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	18590	82	
	1,8 / 11	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	14749	90	
	2,0 / 12,2	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	17448	90	
	2,5 / 15,4	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	16088	90	
	2,9 / 18	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	15482	90	
	3,2 / 19,8	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	14631	90	
	3,8 / 23,1	**M8 (5m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	14113	107	
	4,4 / 27	**M7 (4m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13202	107	
Ø150	0,9 / 5,6	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	22710	82	369
	1,0 / 6,4	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	21885	82	
	1,2 / 7,2	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	20798	82	
	1,4 / 8,6	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	19898	82	
	1,6 / 10,1	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	18590	82	
	1,9 / 11,8	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	17892	90	
	2,1 / 13,1	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	17448	90	
	2,7 / 16,5	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	16088	90	
	3,1 / 19,2	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	14969	90	
	3,4 / 21,3	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	14631	90	
	4,0 / 24,8	**M7 (4m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	14113	107	
	4,7 / 29	**M7 (4m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13202	107	
Ø160	1,0 / 6	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	22710	82	369
	1,1 / 6,8	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	21452	82	
	1,3 / 7,7	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	20798	82	
	1,5 / 9,2	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	19331	82	
	1,8 / 10,8	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	15336	90	
	2 / 12,6	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	17892	90	
	2,3 / 13,9	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	17019	90	
	2,9 / 17,6	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	16088	90	
	3,3 / 20,5	**M7 (4m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	14969	90	
	3,7 / 22,7	**M7 (4m)**	1,6 / 9,5	14,6 / 90	980 / 957	**32,11**	**VR373.1K-E132MUE**	14631	107	
	4,3 / 26,5	**M7 (4m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	14113	107	
	5,0 / 30,9	**M7 (4m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13202	107	
Ø170	1,0 / 6,4	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	22710	82	369
	1,2 / 7,3	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	21452	82	
	1,3 / 8,2	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	20798	82	
	1,6 / 9,8	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	19331	82	
	1,9 / 11,5	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	18590	90	
	2,2 / 13,4	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	17419	90	
	2,4 / 14,8	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	17019	90	
	3,0 / 18,7	**M7 (4m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	15491	90	
	3,5 / 21,8	**M7 (4m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	14969	90	
	3,9 / 24,1	**M7 (4m)**	1,6 / 9,5	14,6 / 90	980 / 957	**32,11**	**VR373.1K-E132MUE**	14631	107	
	4,6 / 28,1	**M7 (4m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	13658	107	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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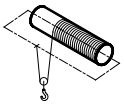

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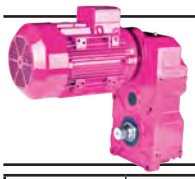
Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	5,3 / 32,8	**M7 (4m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13202	107	369
Ø180	1,1 / 6,7	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	22213	82	369
	1,2 / 7,7	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	21452	82	
	1,4 / 8,7	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	20798	82	
	1,7 / 10,3	**M8 (5m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUD**	19331	90	
	2,0 / 12,2	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	18590	90	
	2,3 / 14,2	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	17419	90	
	2,5 / 15,7	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	17019	90	
	3,2 / 19,8	**M7 (4m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	15491	90	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,3 / 1,7	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,3 / 1,9	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,3 / 2,0	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,4 / 2,4	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,4 / 2,7	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0,5 / 3,1	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	0,7 / 4,5	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	0,9 / 5,4	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUD**	12583	53	
	1,5 / 8,9	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUD**	12039	53	
Ø110	0,3 / 1,8	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,3 / 2,1	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,4 / 2,2	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,5 / 3,0	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0,6 / 3,4	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0,7 / 4,1	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	0,8 / 5,0	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	1,0 / 5,9	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	1,1 / 6,9	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
	1,3 / 8,3	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUD**	12583	53	
	1,6 / 9,8	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUD**	12039	53	
Ø120	0,3 / 2,0	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,4 / 2,3	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,4 / 2,4	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,5 / 2,8	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0,6 / 3,7	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0,7 / 4,5	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	0,9 / 5,4	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	1,0 / 6,5	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
	1,5 / 9,0	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUD**	12583	53	
Ø130	0,3 / 2,1	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,4 / 2,5	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,5 / 3,1	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,6 / 3,5	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0,7 / 4,1	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0,8 / 4,9	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	1,0 / 5,9	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	1,1 / 7,0	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	1,3 / 8,1	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
	1,6 / 9,8	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUD**	12583	53	
Ø140	0,4 / 2,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,5 / 2,8	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0,7 / 4,4	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0,9 / 5,3	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	1,4 / 8,8	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	1,8 / 11,2	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	42061	122	370
	2,1 / 12,7	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	43489	122	
	2,5 / 15,3	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	44588	122	
	2,6 / 16,1	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	45705	122	
	3,1 / 19,3	**M7 (4m)**	1,6 / 9,5	5,9 / 36	2419 / 2359	**81,00**	**VR473.1K-E132MUE**	44842	147	
	3,6 / 22,1	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	45803	147	
	4,1 / 25,2	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	49088	147	
	4,7 / 28,7	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	49658	147	
	5,4 / 33	**M6 (3m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	50156	147	
	6,0 / 37,8	**M6 (3m)**	2,6 / 16	11,3 / 71	2055 / 2052	**41,50**	**VR473.1K-E160LUE**	48726	227	
	7,3 / 45,7	**M6 (3m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	49404	227	
	8,8 / 55,1	**M5 (2m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	51886	227	
	1,5 / 9,5	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	1,8 / 10,8	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	2,0 / 12,2	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	2,3 / 14,4	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	
	2,9 / 17,8	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	3,3 / 20,1	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	3,7 / 22,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	4,3 / 26,8	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	4,9 / 30	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	5,9 / 36,8	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	77102	305	
	6,7 / 41,6	**M8 (5m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160LUE**	78077	305	
	7,5 / 46,8	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
	8,9 / 55,4	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø180	1,9 / 11,8	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	42061	122	370
	2,2 / 13,5	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	43489	122	
	2,6 / 16,2	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	44588	122	
	2,8 / 17,1	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	45705	122	
	3,3 / 20,4	**M6 (3m)**	1,6 / 9,5	5,9 / 36	2419 / 2359	**81,00**	**VR473.1K-E132MUE**	47679	147	
	3,8 / 23,4	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	48434	147	
	4,3 / 26,7	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	49088	147	
	4,9 / 30,4	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	49658	147	
	5,7 / 34,9	**M6 (3m)**	2,6 / 16	10 / 62	2316 / 2345	**47,37**	**VR473.1K-E160LUE**	48011	227	
	6,4 / 40	**M6 (3m)**	2,6 / 16	11,3 / 71	2055 / 2052	**41,50**	**VR473.1K-E160LUE**	48726	227	
	7,8 / 48,4	**M5 (2m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	51455	227	
	1,6 / 10	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	1,9 / 11,4	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	2,1 / 12,9	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	2,5 / 15,3	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	
	3,1 / 18,8	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	3,5 / 21,3	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	3,9 / 24	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	4,6 / 28,3	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	5,2 / 31,8	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	6,2 / 38,9	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	77102	305	
	7,1 / 44,1	**M8 (5m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160LUE**	78077	305	
	7,9 / 49,6	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
Ø190	2,0 / 12,5	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	42061	122	370
	2,3 / 14,2	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	43489	122	
	2,8 / 17	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	44588	122	
	2,9 / 18	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	45920	147	
	3,5 / 21,5	**M6 (3m)**	1,6 / 9,5	5,9 / 36	2419 / 2359	**81,00**	**VR473.1K-E132MUE**	47679	147	
	4,0 / 24,7	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	48434	147	
	4,6 / 28,2	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	49088	147	
	5,2 / 32,1	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	49658	147	
	6,0 / 36,8	**M6 (3m)**	2,6 / 16	10 / 62	2316 / 2345	**47,37**	**VR473.1K-E160LUE**	48011	227	
	6,8 / 42,2	**M5 (2m)**	2,6 / 16	11,3 / 71	2055 / 2052	**41,50**	**VR473.1K-E160LUE**	50903	227	
	8,2 / 51,1	**M5 (2m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	51455	227	

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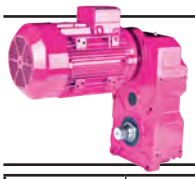

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	1,7 / 10,6	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	2,0 / 12,1	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	2,2 / 13,6	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	2,6 / 16,1	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	
	3,2 / 19,9	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	3,7 / 22,5	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	4,1 / 25,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	4,9 / 29,9	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	5,5 / 33,6	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	6,6 / 41,1	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	77102	305	
	7,4 / 46,5	**M8 (5m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160LUE**	78077	305	
	8,4 / 52,3	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
Ø200	2,1 / 13,2	**M4 (1Am)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	57272	122	370
	2,4 / 15	**M4 (1Am)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	56875	122	
	2,9 / 17,9	**M4 (1Am)**	1,6 / 9,5	4,6 / 29	3063 / 2982	**101,48**	**VR473.1K-E132MUE**	53211	147	
	3,1 / 19	**M4 (1Am)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	53449	147	
	3,7 / 22,7	**M4 (1Am)**	1,6 / 9,5	5,9 / 36	2419 / 2359	**81,00**	**VR473.1K-E132MUE**	53992	147	
	1,8 / 11,1	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	2,1 / 12,7	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	2,3 / 14,4	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	2,8 / 17	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	
	3,4 / 20,9	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	3,8 / 23,7	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	4,3 / 26,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	5,1 / 31,5	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	5,7 / 35,3	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160LUE**	76590	305	
	6,9 / 43,2	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	77102	305	
	7,8 / 49	**M8 (5m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160LUE**	78077	305	
	8,8 / 55,1	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
Ø210	1,9 / 11,7	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	2,2 / 13,3	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	2,4 / 15,1	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	2,9 / 17,8	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3247 / 3158	**107,18**	**VR573.1K-E132MUE**	66759	221	
	3,6 / 21,9	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	4,0 / 24,8	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	4,5 / 28	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	5,4 / 33	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	6,0 / 37,1	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160LUE**	76590	305	
	7,3 / 45,4	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	77102	305	
	8,2 / 51,4	**M8 (5m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160LUE**	78077	305	
Ø220	2,0 / 12,2	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	48953	196	371
	2,3 / 14	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	56668	196	
	2,6 / 15,8	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62171	196	
	3,0 / 18,7	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3247 / 3158	**107,18**	**VR573.1K-E132MUE**	66129	221	
	3,7 / 23	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68456	221	
	4,2 / 26	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	70977	221	
	4,8 / 29,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73056	221	
	5,6 / 34,6	**M8 (5m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160LUE**	74761	305	
	6,3 / 38,9	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160LUE**	76227	305	
	7,6 / 47,6	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	76862	305	
	8,6 / 53,9	**M7 (4m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160LUE**	81960	305	
Ø230	2,1 / 12,8	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	2,4 / 14,6	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	2,7 / 16,5	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	3,2 / 19,5	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3247 / 3158	**107,18**	**VR573.1K-E132MUE**	66759	221	
	3,9 / 24	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	4,4 / 27,2	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø230	5,0 / 30,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	371
	5,9 / 36,2	**M8 (5m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160LUE**	75227	305	
	6,6 / 40,6	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160LUE**	76590	305	
	8,0 / 49,7	**M7 (4m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	81436	305	
	9,0 / 56,3	**M7 (4m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160LUE**	82136	305	
Ø240	2,2 / 13,3	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	2,5 / 15,2	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	2,8 / 17,2	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	3,3 / 20,4	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3247 / 3158	**107,18**	**VR573.1K-E132MUE**	66759	221	
	4,1 / 25,1	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	4,6 / 28,4	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	5,2 / 31,9	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	6,1 / 37,8	**M8 (5m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160LUE**	75227	305	
	6,9 / 42,4	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160LUE**	76590	305	
	8,3 / 51,9	**M7 (4m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	81436	305	

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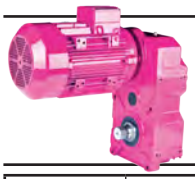
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø130	0,8 / 4,9	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	0,9 / 5,5	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	1,4 / 8,8	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	15336	90	
	1,7 / 10,2	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	14749	90	
	1,8 / 11,3	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	
	2,3 / 14,3	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	2,7 / 16,7	**M7 (4m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	16053	90	
	3,0 / 18,6	**M7 (4m)**	1,6 / 9,5	14,8 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	15101	107	
	3,5 / 21,7	**M7 (4m)**	1,6 / 9,5	17,3 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	14519	107	
	4,1 / 25,3	**M7 (4m)**	1,6 / 9,5	20,1 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	16238	107	
	2,8 / 17,4	**M8 (5m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	40489	147	370
	3,4 / 21	**M8 (5m)**	1,6 / 9,5	16,7 / 103	861 / 842	**28,45**	**VR473.1K-E132MUE**	38493	147	
Ø140	0,8 / 5,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	1,0 / 6,0	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	1,1 / 6,8	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	1,3 / 8,0	**M8 (5m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUD**	15957	90	
	1,5 / 9,5	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	15336	90	
	1,8 / 11	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	14749	90	
	2,0 / 12,2	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	17850	90	
	2,5 / 15,4	**M7 (4m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	16752	90	
	2,9 / 18	**M7 (4m)**	1,6 / 9,5	13,2 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	15516	107	
	3,3 / 20	**M7 (4m)**	1,6 / 9,5	14,8 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	15101	107	
	3,8 / 23,3	**M7 (4m)**	1,6 / 9,5	17,3 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	14519	107	
	4,4 / 27,3	**M6 (3m)**	1,6 / 9,5	20,1 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	19545	107	
	2,2 / 13,5	**M8 (5m)**	0,8 / 4,9	9,9 / 61	720 / 724	**47,37**	**VR473.1K-E112MUD**	45366	122	370
	2,5 / 15,4	**M8 (5m)**	0,8 / 4,9	11,3 / 70	632 / 636	**41,50**	**VR473.1K-E112MUD**	43676	122	
	3,0 / 18,8	**M8 (5m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	40489	147	
	3,7 / 22,6	**M8 (5m)**	1,6 / 9,5	16,7 / 103	861 / 842	**28,45**	**VR473.1K-E132MUE**	38493	147	
Ø150	0,9 / 5,6	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	1,0 / 6,4	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	1,2 / 7,2	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	1,4 / 8,6	**M8 (5m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUD**	15957	90	
	1,6 / 10,1	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	19096	90	
	1,9 / 11,8	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	18333	90	
	2,1 / 13,1	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	17850	90	
	2,7 / 16,5	**M7 (4m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	16752	90	
	3,1 / 19,2	**M7 (4m)**	1,6 / 9,5	13,2 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	15516	107	
	3,5 / 21,4	**M7 (4m)**	1,6 / 9,5	14,8 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	15101	107	
	4,1 / 25	**M6 (3m)**	1,6 / 9,5	17,3 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	17988	107	
	4,7 / 29,2	**M6 (3m)**	1,6 / 9,5	20,1 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	19545	107	
	1,6 / 9,7	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	370
	1,8 / 11	**M8 (5m)**	0,8 / 4,9	7,6 / 47	937 / 942	**61,85**	**VR473.1K-E112MUD**	46230	122	
	2,0 / 12,6	**M8 (5m)**	0,8 / 4,9	8,6 / 53	825 / 829	**54,35**	**VR473.1K-E112MUD**	46853	122	
	2,3 / 14,4	**M8 (5m)**	0,8 / 4,9	9,9 / 61	720 / 724	**47,37**	**VR473.1K-E112MUD**	45366	122	
	2,7 / 16,5	**M8 (5m)**	0,8 / 4,9	11,3 / 70	632 / 636	**41,50**	**VR473.1K-E112MUD**	43676	122	
	3,3 / 20,1	**M8 (5m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	40489	147	
	3,9 / 24,2	**M8 (5m)**	1,6 / 9,5	16,7 / 103	861 / 842	**28,45**	**VR473.1K-E132MUE**	38493	147	
Ø160	1,0 / 6,0	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	1,1 / 6,8	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	1,3 / 7,7	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	1,5 / 9,2	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUD**	19913	90	
	1,8 / 10,8	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	19096	90	
	2,0 / 12,6	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	18333	90	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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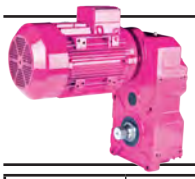
Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø160	2,3 / 13,9	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	17850	90	369
	2,9 / 17,6	**M7 (4m)**	1,6 / 9,5	11,3 / 70	1261 / 1230	**41,42**	**VR373.1K-E132MUE**	16111	107	
	3,3 / 20,5	**M6 (3m)**	1,6 / 9,5	13,2 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	19277	107	
	3,7 / 22,9	**M6 (3m)**	1,6 / 9,5	14,8 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	18738	107	
	4,3 / 26,7	**M6 (3m)**	1,6 / 9,5	17,3 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	17988	107	
	5,1 / 31,2	**M6 (3m)**	1,6 / 9,5	20,1 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	19545	107	
	1,5 / 9,0	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	370
	1,7 / 10,3	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	1,9 / 11,8	**M8 (5m)**	0,8 / 4,9	7,6 / 47	937 / 942	**61,85**	**VR473.1K-E112MUD**	46230	122	
	2,2 / 13,4	**M8 (5m)**	0,8 / 4,9	8,6 / 53	825 / 829	**54,35**	**VR473.1K-E112MUD**	46853	122	
	2,5 / 15,4	**M8 (5m)**	0,8 / 4,9	9,9 / 61	720 / 724	**47,37**	**VR473.1K-E112MUD**	45366	122	
	2,8 / 17,6	**M8 (5m)**	1,6 / 9,5	11,3 / 70	1264 / 1233	**41,50**	**VR473.1K-E132MUE**	42669	147	
	3,5 / 21,4	**M8 (5m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	40489	147	
	4,2 / 25,8	**M8 (5m)**	1,6 / 9,5	16,7 / 103	861 / 842	**28,45**	**VR473.1K-E132MUE**	38493	147	
Ø170	1,0 / 6,4	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	1,2 / 7,3	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	1,3 / 8,2	**M7 (4m)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUD**	20798	90	
	1,6 / 9,8	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUD**	19913	90	
	1,9 / 11,5	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	19096	90	
	2,2 / 13,4	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	18333	90	
	2,4 / 14,8	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	17850	90	
	3,0 / 18,7	**M6 (3m)**	1,6 / 9,5	11,3 / 70	1261 / 1230	**41,42**	**VR373.1K-E132MUE**	20059	107	
	3,5 / 21,8	**M6 (3m)**	1,6 / 9,5	13,2 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	19277	107	
	3,9 / 24,3	**M6 (3m)**	1,6 / 9,5	14,8 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	18738	107	
	4,6 / 28,4	**M6 (3m)**	1,6 / 9,5	17,3 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	17988	107	
	5,4 / 33,1	**M5 (2m)**	1,6 / 9,5	20,1 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	23696	107	
	1,3 / 8,1	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	370
	1,5 / 9,6	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	1,8 / 11	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	2,0 / 12,5	**M8 (5m)**	0,8 / 4,9	7,6 / 47	937 / 942	**61,85**	**VR473.1K-E112MUD**	46230	122	
	2,3 / 14,2	**M8 (5m)**	0,8 / 4,9	8,6 / 53	825 / 829	**54,35**	**VR473.1K-E112MUD**	46853	122	
	2,6 / 16,3	**M8 (5m)**	0,8 / 4,9	9,9 / 61	720 / 724	**47,37**	**VR473.1K-E112MUD**	45366	122	
	3,0 / 18,6	**M8 (5m)**	1,6 / 9,5	11,3 / 70	1264 / 1233	**41,50**	**VR473.1K-E132MUE**	42669	147	
	3,7 / 22,8	**M8 (5m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	40489	147	
	4,5 / 27,4	**M8 (5m)**	1,6 / 9,5	16,7 / 103	861 / 842	**28,45**	**VR473.1K-E132MUE**	38493	147	
Ø180	1,1 / 6,7	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	1,2 / 7,7	**M7 (4m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	22280	82	
	1,4 / 8,7	**M7 (4m)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUD**	21533	90	
	1,7 / 10,3	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUD**	19913	90	
	2,0 / 12,2	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	19096	90	
	2,3 / 14,2	**M6 (3m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	22671	90	
	2,5 / 15,7	**M6 (3m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	22058	90	
	1,3 / 8,1	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	370
	1,4 / 8,5	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	1,6 / 10,1	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	1,9 / 11,6	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	2,1 / 13,3	**M8 (5m)**	0,8 / 4,9	7,6 / 47	937 / 942	**61,85**	**VR473.1K-E112MUD**	46230	122	
	2,4 / 15,1	**M8 (5m)**	0,8 / 4,9	8,6 / 53	825 / 829	**54,35**	**VR473.1K-E112MUD**	46853	122	
	2,8 / 17,3	**M8 (5m)**	1,6 / 9,5	9,9 / 61	1440 / 1404	**47,37**	**VR473.1K-E132MUE**	44121	147	
	3,2 / 19,7	**M8 (5m)**	1,6 / 9,5	11,3 / 70	1264 / 1233	**41,50**	**VR473.1K-E132MUE**	42669	147	
	3,9 / 24,1	**M8 (5m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	40489	147	
	4,7 / 29,1	**M8 (5m)**	1,6 / 9,5	16,7 / 103	861 / 842	**28,45**	**VR473.1K-E132MUE**	38493	147	
Ø190	1,2 / 7,1	**M7 (4m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	23097	82	369
	1,3 / 8,1	**M7 (4m)**	0,8 / 4,9	4,4 / 27	1604 / 1610	**106,69**	**VR373.1K-E112MUD**	22280	90	
	1,5 / 9,2	**M7 (4m)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUD**	20798	90	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø190	1,8 / 10,9	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUD**	19913	90	369
	2,1 / 12,8	**M6 (3m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	23644	90	
	2,4 / 15,0	**M6 (3m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	22671	90	
	2,7 / 16,5	**M6 (3m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	22058	90	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	960 / 1062	**138,35**	**VR473.1K-E100LUD**	40184	115	370
	1,2 / 7,1	**M8 (5m)**	0,37 / 2,5	3,9 / 24	845 / 936	**121,49**	**VR473.1K-E100LUD**	41738	115	
	1,4 / 8,5	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	1,5 / 9,0	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	1,7 / 10,7	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	2,0 / 12,3	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	2,3 / 14	**M8 (5m)**	0,8 / 4,9	7,6 / 47	937 / 942	**61,85**	**VR473.1K-E112MUD**	46230	122	
	2,6 / 15,9	**M8 (5m)**	0,8 / 4,9	8,6 / 53	825 / 829	**54,35**	**VR473.1K-E112MUD**	46853	122	
	3,0 / 18,3	**M8 (5m)**	1,6 / 9,5	9,9 / 61	1440 / 1404	**47,37**	**VR473.1K-E132MUE**	44121	147	
	3,4 / 20,8	**M8 (5m)**	1,6 / 9,5	11,3 / 70	1264 / 1233	**41,50**	**VR473.1K-E132MUE**	42669	147	
	4,1 / 25,5	**M8 (5m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	40489	147	
Ø200	1,2 / 7,5	**M6 (3m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	28515	82	369
	1,4 / 8,5	**M6 (3m)**	0,8 / 4,9	4,4 / 27	1604 / 1610	**106,69**	**VR373.1K-E112MUD**	26678	90	
	1,6 / 9,7	**M5 (2m)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUD**	32170	90	
	1,9 / 11,5	**M5 (2m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUD**	30693	90	
	2,2 / 13,5	**M5 (2m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	29352	90	
	2,6 / 15,8	**M5 (2m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	28117	90	
	1,1 / 6,6	**M8 (5m)**	0,37 / 2,5	3,4 / 21	960 / 1062	**138,35**	**VR473.1K-E100LUD**	40184	115	370
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	3,9 / 24	845 / 936	**121,49**	**VR473.1K-E100LUD**	41738	115	
	1,5 / 9,0	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	1,5 / 9,5	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	1,8 / 11,2	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	2,1 / 12,9	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	2,4 / 14,7	**M8 (5m)**	0,8 / 4,9	7,6 / 47	937 / 942	**61,85**	**VR473.1K-E112MUD**	46230	122	
	2,7 / 16,8	**M8 (5m)**	0,8 / 4,9	8,6 / 53	825 / 829	**54,35**	**VR473.1K-E112MUD**	46853	122	
	3,1 / 19,2	**M8 (5m)**	1,6 / 9,5	9,9 / 61	1440 / 1404	**47,37**	**VR473.1K-E132MUE**	44121	147	
	3,6 / 21,9	**M8 (5m)**	1,6 / 9,5	11,3 / 70	1264 / 1233	**41,50**	**VR473.1K-E132MUE**	42669	147	
	4,4 / 26,8	**M8 (5m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	40489	147	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,3 / 1,7	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,3 / 1,9	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,3 / 2,0	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,4 / 2,4	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,4 / 2,7	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0,5 / 3,1	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	0,7 / 4,5	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 368	**50,36**	**VR273.1K-E100LUD**	14184	53	
	0,9 / 5,4	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUD**	12583	53	
	1,5 / 8,9	**M8 (5m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUD**	12039	60	
Ø110	0,3 / 1,8	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,3 / 2,1	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,4 / 2,2	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,5 / 3,0	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0,6 / 3,4	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0,7 / 4,1	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	0,8 / 5,0	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 368	**50,36**	**VR273.1K-E100LUD**	14184	53	
	1,0 / 5,9	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	1,1 / 6,9	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
	1,3 / 8,3	**M8 (5m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUD**	12583	60	
	1,6 / 9,8	**M8 (5m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUD**	12039	60	
Ø120	0,3 / 2,0	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,4 / 2,3	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,4 / 2,4	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,5 / 2,8	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0,6 / 3,7	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0,7 / 4,5	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	0,9 / 5,4	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 368	**50,36**	**VR273.1K-E100LUD**	14184	53	
	1,0 / 6,5	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
Ø130	0,3 / 2,1	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,4 / 2,5	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,5 / 3,1	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,6 / 3,5	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0,7 / 4,1	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0,8 / 4,9	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	1,0 / 5,9	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 368	**50,36**	**VR273.1K-E100LUD**	14184	53	
	1,1 / 7,0	**M7 (4m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
Ø140	0,4 / 2,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,5 / 2,8	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0,7 / 4,4	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0,9 / 5,3	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	1,0 / 6,3	**M7 (4m)**	0,37 / 2,5	9,3 / 58	351 / 368	**50,36**	**VR273.1K-E100LUD**	14184	53	
	1,2 / 7,5	**M7 (4m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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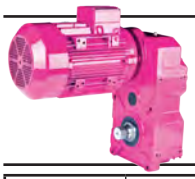
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø230	2,1 / 12,8	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	2,4 / 14,7	**M8 (5m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	2,7 / 16,7	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	63302	221	
	3,2 / 19,7	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66656	221	
	3,9 / 24	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	4,4 / 27,3	**M7 (4m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	78121	305	
	4,9 / 30,7	**M7 (4m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	79549	305	
	5,8 / 36,3	**M7 (4m)**	2,6 / 16	8,1 / 50	2889 / 2884	**58,36**	**VR573.1K-E160LUE**	80241	305	
	6,5 / 40,8	**M7 (4m)**	2,6 / 16	9,0 / 56	2576 / 2573	**51,97**	**VR573.1K-E160LUE**	81241	305	
	4,5 / 27,8	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	372
	5,1 / 31,8	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	
	5,8 / 36,2	**M8 (5m)**	2,6 / 16	8,0 / 50	2921 / 2895	**58,54**	**VR673.1K-E160LUE**	114716	405	
Ø240	2,2 / 13,3	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	2,5 / 15,4	**M8 (5m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	2,8 / 17,4	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	63302	221	
	3,3 / 20,6	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66656	221	
	4,1 / 25,1	**M7 (4m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	75460	221	
	4,6 / 28,5	**M7 (4m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	78121	305	
	5,1 / 32,1	**M7 (4m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	79549	305	
	6,1 / 37,9	**M7 (4m)**	2,6 / 16	8,1 / 50	2889 / 2884	**58,36**	**VR573.1K-E160LUE**	80241	305	
	6,8 / 42,6	**M7 (4m)**	2,6 / 16	9,0 / 56	2576 / 2573	**51,97**	**VR573.1K-E160LUE**	81241	305	
	4,1 / 25,1	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2653 / 2572	**87,77**	**VR673.1K-E132MUE**	108937	323	372
	4,7 / 29	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
	5,3 / 33,2	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	
	6,1 / 37,8	**M8 (5m)**	2,6 / 16	8,0 / 50	2921 / 2895	**58,54**	**VR673.1K-E160LUE**	114716	405	
Ø250	2,3 / 13,9	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4932 / 4790	**163,77**	**VR573.1K-E132MUE**	50607	221	371
	2,6 / 16	**M8 (5m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	2,9 / 18,1	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	63302	221	
	3,5 / 21,4	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66656	221	
	4,2 / 26,1	**M7 (4m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	75460	221	
	4,8 / 29,7	**M7 (4m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	78121	305	
	5,3 / 33,4	**M7 (4m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	79549	305	
	6,3 / 39,5	**M7 (4m)**	2,6 / 16	8,1 / 50	2889 / 2884	**58,36**	**VR573.1K-E160LUE**	80241	305	
	7,1 / 44,3	**M6 (3m)**	2,6 / 16	9,0 / 56	2576 / 2573	**51,97**	**VR573.1K-E160LUE**	86154	305	
	4,2 / 26,2	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2653 / 2572	**87,77**	**VR673.1K-E132MUE**	108937	323	372
	4,8 / 30,2	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
	5,5 / 34,6	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	
	6,3 / 39,4	**M8 (5m)**	2,6 / 16	8,0 / 50	2921 / 2895	**58,54**	**VR673.1K-E160LUE**	114716	405	
Ø260	2,3 / 14,5	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4932 / 4790	**163,77**	**VR573.1K-E132MUE**	50607	221	371
	2,7 / 16,7	**M8 (5m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	3,1 / 18,8	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	63302	221	
	3,6 / 22,3	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	74078	221	
	4,4 / 27,2	**M7 (4m)**	2,6 / 16	5,4 / 33	4286 / 4332	**87,90**	**VR573.1K-E160LUE**	76433	305	
	4,9 / 30,9	**M7 (4m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	78121	305	
	5,6 / 34,7	**M7 (4m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	79549	305	
	6,6 / 41,1	**M6 (3m)**	2,6 / 16	8,1 / 50	2889 / 2884	**58,36**	**VR573.1K-E160LUE**	85566	305	
	3,8 / 23,4	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	372
	4,4 / 27,2	**M8 (5m)**	2,6 / 16	5,4 / 33	4312 / 4332	**87,77**	**VR673.1K-E160LUE**	109863	405	
	5,0 / 31,5	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
	5,8 / 36	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	
	6,6 / 40,9	**M8 (5m)**	2,6 / 16	8,0 / 50	2921 / 2895	**58,54**	**VR673.1K-E160LUE**	114716	405	

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	2,4 / 15	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4932 / 4790	**163,77**	**VR573.1K-E132MUE**	50607	221	371
	2,8 / 17,3	**M8 (5m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	3,2 / 19,6	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	71717	221	
	3,8 / 23,1	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	74078	221	
	4,6 / 28,2	**M7 (4m)**	2,6 / 16	5,4 / 33	4286 / 4332	**87,90**	**VR573.1K-E160LUE**	76433	305	
	5,1 / 32,1	**M7 (4m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	78121	305	
	5,8 / 36,1	**M7 (4m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	79549	305	
	6,8 / 42,6	**M6 (3m)**	2,6 / 16	8,1 / 50	2889 / 2884	**58,36**	**VR573.1K-E160LUE**	85566	305	
	3,0 / 18,4	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	372
	3,4 / 20,7	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	3,9 / 24,3	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	
	4,6 / 28,3	**M8 (5m)**	2,6 / 16	5,4 / 33	4312 / 4332	**87,77**	**VR673.1K-E160LUE**	109863	405	
	5,2 / 32,7	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
	6,0 / 37,4	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	
	6,8 / 42,5	**M8 (5m)**	2,6 / 16	8,0 / 50	2921 / 2895	**58,54**	**VR673.1K-E160LUE**	114716	405	
Ø280	2,5 / 15,6	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4932 / 4790	**163,77**	**VR573.1K-E132MUE**	48599	221	371
	2,9 / 17,9	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	66441	221	
	3,3 / 20,3	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	70911	221	
	3,9 / 24	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	73522	221	
	4,8 / 29,3	**M7 (4m)**	2,6 / 16	5,4 / 33	4286 / 4332	**87,90**	**VR573.1K-E160LUE**	75389	305	
	5,3 / 33,2	**M7 (4m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	77332	305	
	6,0 / 37,4	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	84828	305	
	7,1 / 44,2	**M6 (3m)**	2,6 / 16	8,1 / 50	2889 / 2884	**58,36**	**VR573.1K-E160LUE**	85161	305	
	2,6 / 15,8	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4915 / 4754	**161,66**	**VR673.1K-E132MUE**	95759	323	372
	3,1 / 19,1	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	3,5 / 21,5	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	4,1 / 25,2	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	
	4,8 / 29,3	**M8 (5m)**	2,6 / 16	5,4 / 33	4312 / 4332	**87,77**	**VR673.1K-E160LUE**	109863	405	
	5,4 / 33,9	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
	6,2 / 38,8	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	
	7,1 / 44,1	**M8 (5m)**	2,6 / 16	8,0 / 50	2921 / 2895	**58,54**	**VR673.1K-E160LUE**	114716	405	
Ø290	2,6 / 16,1	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4932 / 4790	**163,77**	**VR573.1K-E132MUE**	61671	221	371
	3,0 / 18,6	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	67540	221	
	3,4 / 21	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	71717	221	
	4,0 / 24,9	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	74078	221	
	4,9 / 30,3	**M7 (4m)**	2,6 / 16	5,4 / 33	4286 / 4332	**87,90**	**VR573.1K-E160LUE**	76433	305	
	5,5 / 34,4	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	84562	305	
	6,2 / 38,7	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	85395	305	
	2,3 / 13,9	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5751 / 5562	**189,61**	**VR673.1K-E132MUE**	89335	323	372
	2,6 / 16,3	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4915 / 4754	**161,66**	**VR673.1K-E132MUE**	95759	323	
	3,2 / 19,8	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	3,6 / 22,2	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	4,2 / 26,1	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	
	4,9 / 30,3	**M8 (5m)**	2,6 / 16	5,4 / 33	4312 / 4332	**87,77**	**VR673.1K-E160LUE**	109863	405	
	5,6 / 35,1	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
	6,4 / 40,1	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	
Ø300	2,7 / 16,7	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4932 / 4790	**163,77**	**VR573.1K-E132MUE**	61671	221	371
	3,1 / 19,2	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	67540	221	
	3,5 / 21,7	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	71717	221	
	4,2 / 25,7	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	74078	221	
	5,1 / 31,3	**M6 (3m)**	2,6 / 16	5,4 / 33	4286 / 4332	**87,90**	**VR573.1K-E160LUE**	83610	305	
	5,7 / 35,6	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	84562	305	
	6,4 / 40,1	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	85395	305	

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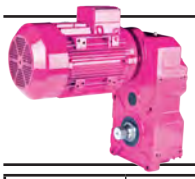

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø300	2,3 / 14,4	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5751 / 5562	**189,61**	**VR673.1K-E132MUE**	89335	323	372
	2,7 / 16,9	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4915 / 4754	**161,66**	**VR673.1K-E132MUE**	95759	323	
	3,3 / 20,5	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	3,7 / 23	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	4,4 / 27	**M8 (5m)**	2,6 / 16	4,7 / 29	5005 / 5028	**102,10**	**VR673.1K-E160LUE**	107742	405	
	5,1 / 31,4	**M8 (5m)**	2,6 / 16	5,4 / 33	4312 / 4332	**87,77**	**VR673.1K-E160LUE**	109863	405	
	5,8 / 36,3	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
	6,6 / 41,5	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	0,9 / 5,6	**M8 (5m)**	0,37 / 2,5	3,4 / 21	960 / 1062	**138,35**	**VR473.1K-E100LUD**	40184	115	370
	1,0 / 6,4	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	1,2 / 7,6	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	1,3 / 8,1	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	1,5 / 9,6	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	1,8 / 11	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	2,0 / 12,5	**M8 (5m)**	0,8 / 4,9	7,6 / 47	937 / 942	**61,85**	**VR473.1K-E112MUD**	46230	122	
	2,3 / 14,4	**M8 (5m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	45131	147	
	2,7 / 16,5	**M8 (5m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	44027	147	
	3,1 / 18,8	**M8 (5m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	42575	147	
	3,7 / 22,8	**M8 (5m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	40489	147	
	4,4 / 27,5	**M7 (4m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	46483	227	
	4,4 / 27,7	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	371
Ø180	1,0 / 5,9	**M8 (5m)**	0,37 / 2,5	3,4 / 21	960 / 1062	**138,35**	**VR473.1K-E100LUD**	40184	115	370
	1,1 / 6,7	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	1,3 / 8,1	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	1,4 / 8,5	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	1,6 / 10,1	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	1,9 / 11,6	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	2,1 / 13,3	**M8 (5m)**	0,8 / 4,9	7,6 / 47	937 / 942	**61,85**	**VR473.1K-E112MUD**	46230	122	
	2,5 / 15,2	**M8 (5m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	45131	147	
	2,8 / 17,5	**M8 (5m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	44027	147	
	3,2 / 19,9	**M8 (5m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	42575	147	
	3,9 / 24,1	**M7 (4m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	49008	147	
	4,7 / 29,2	**M7 (4m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	46483	227	
	4,0 / 24,7	**M8 (5m)**	1,6 / 9,5	14,2 / 87	1013 / 992	**33,46**	**VR573.1K-E132MUE**	78568	221	371
	4,7 / 29,3	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø190	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	960 / 1062	**138,35**	**VR473.1K-E100LUD**	40184	115	370
	1,2 / 7,1	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	1,4 / 8,5	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	1,5 / 9,0	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	1,7 / 10,7	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	2,0 / 12,3	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	2,3 / 14	**M8 (5m)**	1,6 / 9,5	7,6 / 47	1875 / 1826	**61,85**	**VR473.1K-E132MUE**	44259	147	
	2,6 / 16,1	**M8 (5m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	45131	147	
	3,0 / 18,4	**M8 (5m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	44027	147	
	3,4 / 21	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	48548	147	
	4,1 / 25,5	**M7 (4m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	49008	147	
	4,9 / 30,8	**M7 (4m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	46483	227	
	3,3 / 20,5	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	371
	3,8 / 23,2	**M8 (5m)**	1,6 / 9,5	12,6 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	77633	221	
	4,2 / 26,1	**M8 (5m)**	1,6 / 9,5	14,2 / 87	1013 / 992	**33,46**	**VR573.1K-E132MUE**	78568	221	
	5,0 / 30,9	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø200	1,1 / 6,6	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	1,2 / 7,5	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	1,5 / 9,0	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	1,5 / 9,5	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	1,8 / 11,2	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	2,1 / 12,9	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	2,4 / 14,7	**M8 (5m)**	1,6 / 9,5	7,6 / 47	1875 / 1826	**61,85**	**VR473.1K-E132MUE**	44259	147	
	2,7 / 16,9	**M8 (5m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	45131	147	
	3,1 / 19,4	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	47992	147	
	3,6 / 22,1	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	48548	147	
	4,4 / 26,8	**M7 (4m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	49008	147	
	5,2 / 32,4	**M7 (4m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	46483	227	

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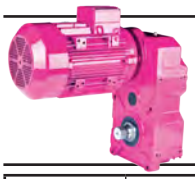
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø200	2,9 / 17,7	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	371
	3,5 / 21,5	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	4,0 / 24,4	**M8 (5m)**	1,6 / 9,5	12,6 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	77633	221	
	4,5 / 27,5	**M8 (5m)**	2,6 / 16	14,2 / 87	1647 / 1670	**33,46**	**VR573.1K-E160LUE**	78988	305	
	5,2 / 32,6	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø210	1,1 / 6,9	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	1,3 / 7,9	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	1,5 / 9,4	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	1,6 / 10	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	1,9 / 11,8	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	2,2 / 13,5	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	2,5 / 15,5	**M7 (4m)**	1,6 / 9,5	7,6 / 47	1875 / 1826	**61,85**	**VR473.1K-E132MUE**	46629	147	
	2,9 / 17,7	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	47357	147	
	3,3 / 20,4	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	47992	147	
	3,8 / 23,2	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	48548	147	
	4,6 / 28,1	**M7 (4m)**	2,6 / 16	13,9 / 85	1682 / 1704	**34,28**	**VR473.1K-E160LUE**	47470	227	
	5,4 / 34	**M6 (3m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	49947	227	
	2,7 / 16,4	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1778 / 1733	**58,36**	**VR573.1K-E132MUE**	74607	221	371
	3,0 / 18,6	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	3,7 / 22,6	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	4,2 / 25,6	**M8 (5m)**	1,6 / 9,5	12,6 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	77633	221	
	4,7 / 28,8	**M8 (5m)**	2,6 / 16	14,2 / 87	1647 / 1670	**33,46**	**VR573.1K-E160LUE**	78988	305	
	5,5 / 34,2	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø220	1,2 / 7,2	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	1,3 / 8,2	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	1,6 / 9,9	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	1,7 / 10,4	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	2,0 / 12,4	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	2,3 / 14,2	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2136 / 2079	**70,59**	**VR473.1K-E132MUE**	45795	147	
	2,6 / 16,2	**M7 (4m)**	1,6 / 9,5	7,6 / 47	1875 / 1826	**61,85**	**VR473.1K-E132MUE**	46629	147	
	3,0 / 18,6	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	47357	147	
	3,5 / 21,3	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	47992	147	
	4,0 / 24,3	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	48548	147	
	4,8 / 29,5	**M6 (3m)**	2,6 / 16	13,9 / 85	1682 / 1704	**34,28**	**VR473.1K-E160LUE**	49401	227	
	5,7 / 35,6	**M6 (3m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	49947	227	
	2,1 / 12,9	**M8 (5m)**	0,8 / 4,9	6,1 / 37	1179 / 1184	**77,63**	**VR573.1K-E112MUD**	70613	196	371
	2,4 / 14,5	**M8 (5m)**	1,6 / 9,5	6,8 / 42	2098 / 2044	**69,00**	**VR573.1K-E132MUE**	73129	221	
	2,8 / 17,2	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1778 / 1733	**58,36**	**VR573.1K-E132MUE**	74441	221	
	3,2 / 19,4	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75837	221	
	3,8 / 23,7	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76519	221	
	4,4 / 26,8	**M8 (5m)**	1,6 / 9,5	12,6 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	77568	221	
	4,9 / 30,2	**M8 (5m)**	2,6 / 16	14,2 / 87	1647 / 1670	**33,46**	**VR573.1K-E160LUE**	78842	305	
	5,7 / 35,8	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø230	1,2 / 7,6	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	1,4 / 8,6	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	1,7 / 10,3	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	1,8 / 10,9	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	2,1 / 12,9	**M7 (4m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	47428	122	
	2,4 / 14,8	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2136 / 2079	**70,59**	**VR473.1K-E132MUE**	45795	147	
	2,7 / 16,9	**M7 (4m)**	1,6 / 9,5	7,6 / 47	1875 / 1826	**61,85**	**VR473.1K-E132MUE**	46629	147	
	3,2 / 19,4	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	47357	147	
	3,6 / 22,3	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	47992	147	
	4,1 / 25,4	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	48548	147	
	2,2 / 13,5	**M8 (5m)**	0,8 / 4,9	6,1 / 37	1179 / 1184	**77,63**	**VR573.1K-E112MUD**	70695	196	371
	2,5 / 15,2	**M8 (5m)**	1,6 / 9,5	6,8 / 42	2098 / 2044	**69,00**	**VR573.1K-E132MUE**	73365	221	

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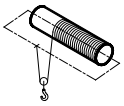

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø230	2,9 / 17,9	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1778 / 1733	**58,36**	**VR573.1K-E132MUE**	74607	221	371
	3,3 / 20,3	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	4,0 / 24,8	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	4,6 / 28,1	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	5,1 / 31,6	**M8 (5m)**	2,6 / 16	14,2 / 87	1647 / 1670	**33,46**	**VR573.1K-E160LUE**	78988	305	
	6,0 / 37,5	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø240	1,3 / 7,9	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	1,5 / 9,0	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	1,7 / 10,8	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	44588	122	
	1,8 / 11,4	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	45705	122	
	2,2 / 13,5	**M7 (4m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	47428	122	
	2,5 / 15,5	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2136 / 2079	**70,59**	**VR473.1K-E132MUE**	45795	147	
	2,9 / 17,7	**M7 (4m)**	1,6 / 9,5	7,6 / 47	1875 / 1826	**61,85**	**VR473.1K-E132MUE**	46629	147	
	3,3 / 20,3	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	47357	147	
	3,8 / 23,3	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	47992	147	
	4,3 / 26,6	**M6 (3m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	50591	147	
	1,7 / 10,2	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	371
	2,0 / 12,4	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUD**	68206	196	
	2,3 / 14,1	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	71363	221	
	2,6 / 15,8	**M8 (5m)**	1,6 / 9,5	6,8 / 42	2098 / 2044	**69,00**	**VR573.1K-E132MUE**	73365	221	
	3,0 / 18,7	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1778 / 1733	**58,36**	**VR573.1K-E132MUE**	74607	221	
	3,4 / 21,2	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	4,2 / 25,9	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	4,8 / 29,3	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	5,3 / 32,9	**M8 (5m)**	2,6 / 16	14,2 / 87	1647 / 1670	**33,46**	**VR573.1K-E160LUE**	78988	305	
	6,3 / 39,1	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	

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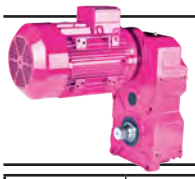

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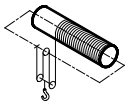

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,3 / 1,7	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,3 / 1,9	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,3 / 2,0	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,4 / 2,4	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,4 / 2,7	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0,5 / 3,1	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	0,7 / 4,5	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	0,9 / 5,4	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUD**	13151	53	
	1,2 / 7,5	**M7 (4m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUD**	14743	60	
	1,5 / 8,9	**M7 (4m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUD**	14190	60	
Ø110	0,3 / 1,8	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,3 / 2,1	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,4 / 2,2	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,5 / 3,0	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0,6 / 3,4	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0,7 / 4,1	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	0,8 / 5,0	**M7 (4m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	17791	53	
	1,0 / 5,9	**M7 (4m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	17045	53	
	1,1 / 6,9	**M7 (4m)**	0,8 / 4,9	13 / 80	551 / 554	**36,38**	**VR273.1K-E112MUD**	16422	60	
	1,3 / 8,3	**M7 (4m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUD**	14743	60	
	1,6 / 9,8	**M7 (4m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUD**	14190	60	
	1,0 / 6,0	**M8 (5m)**	0,37 / 2,5	11,3 / 70	292 / 324	**41,42**	**VR373.1K-E100LUD**	13822	82	369
	1,1 / 7,1	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	1,3 / 7,8	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	1,5 / 9,1	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	12097	90	
	1,7 / 10,6	**M8 (5m)**	0,8 / 4,9	19,9 / 123	361 / 363	**23,58**	**VR373.1K-E112MUD**	12781	90	
Ø120	0,3 / 2,0	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,4 / 2,3	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,4 / 2,4	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,5 / 2,8	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0,6 / 3,7	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0,7 / 4,5	**M7 (4m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	18566	53	
	0,9 / 5,4	**M7 (3m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	17791	53	
	0,8 / 5,2	**M8 (5m)**	0,37 / 2,5	9,0 / 55	367 / 407	**52,30**	**VR373.1K-E100LUD**	14769	82	369
	1,1 / 6,6	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	1,2 / 7,7	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	1,4 / 8,5	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	1,6 / 9,9	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	12097	90	
	1,9 / 11,6	**M8 (5m)**	0,8 / 4,9	19,9 / 123	361 / 363	**23,58**	**VR373.1K-E112MUD**	12781	90	
Ø130	0,3 / 2,1	**M7 (4m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	21969	53	368
	0,4 / 2,5	**M7 (4m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	21448	53	
	0,4 / 2,6	**M7 (4m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	21193	53	
	0,5 / 3,1	**M7 (4m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	20535	53	
	0,6 / 3,5	**M6 (3m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	25036	53	
	0,7 / 4,1	**M6 (3m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	24269	53	
	0,8 / 4,9	**M6 (3m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	23186	53	
	1,0 / 5,9	**M6 (3m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	22166	53	
	0,4 / 2,4	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	0,4 / 2,8	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	0,5 / 3,1	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	0,6 / 3,7	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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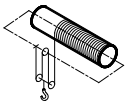

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø130	0,7 / 4,4	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	369
	0,8 / 5,1	**M8 (5m)**	0,37 / 2,5	8,1 / 50	405 / 449	**57,79**	**VR373.1K-E100LUD**	15190	82	
	0,9 / 5,7	**M8 (5m)**	0,37 / 2,5	9,0 / 55	367 / 407	**52,30**	**VR373.1K-E100LUD**	14769	82	
	1,2 / 7,1	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	1,4 / 8,3	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	1,5 / 9,2	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	1,7 / 10,7	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	12097	90	
	2,0 / 12,5	**M8 (5m)**	0,8 / 4,9	19,9 / 123	361 / 363	**23,58**	**VR373.1K-E112MUD**	12781	90	
Ø140	0,4 / 2,3	**M6 (3m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	27890	53	368
	0,4 / 2,6	**M6 (3m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	27133	53	
	0,5 / 2,8	**M6 (3m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	26770	53	
	0,5 / 3,3	**M5 (2m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	32524	53	
	0,6 / 3,8	**M5 (2m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	31438	53	
	0,7 / 4,4	**M5 (2m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	30419	53	
	0,9 / 5,3	**M5 (2m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	28994	53	
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	0,5 / 3,0	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	0,5 / 3,4	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	0,7 / 4,0	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	0,8 / 4,7	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	
	0,9 / 5,5	**M8 (5m)**	0,37 / 2,5	8,1 / 50	405 / 449	**57,79**	**VR373.1K-E100LUD**	15190	82	
	1,0 / 6,1	**M8 (5m)**	0,37 / 2,5	9,0 / 55	367 / 407	**52,30**	**VR373.1K-E100LUD**	14769	82	
	1,2 / 7,7	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	1,5 / 9,0	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	1,6 / 9,9	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	1,9 / 11,6	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	12097	90	
	2,2 / 13,5	**M8 (5m)**	0,8 / 4,9	19,9 / 123	361 / 363	**23,58**	**VR373.1K-E112MUD**	12781	90	
Ø150	0,5 / 2,8	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	0,5 / 3,2	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	0,6 / 3,6	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	0,7 / 4,3	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	0,8 / 5,1	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	
	1,0 / 5,9	**M8 (5m)**	0,37 / 2,5	8,1 / 50	405 / 449	**57,79**	**VR373.1K-E100LUD**	15190	82	
	1,1 / 6,5	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	
	1,3 / 8,2	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	1,6 / 9,6	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	1,7 / 10,6	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	2,0 / 12,4	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	12097	90	
	2,3 / 14,5	**M8 (5m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13549	107	
Ø160	0,5 / 3,0	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	0,6 / 3,4	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	0,6 / 3,9	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	0,7 / 4,6	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	0,9 / 5,4	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	
	1,0 / 6,3	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	14749	90	
	1,1 / 7,0	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	
	1,4 / 8,8	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	1,7 / 10,3	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	1,8 / 11,3	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	2,1 / 13,2	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	12097	90	
	2,5 / 15,4	**M8 (5m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13549	107	
Ø170	0,5 / 3,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	0,6 / 3,6	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	0,7 / 4,1	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	0,8 / 4,9	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	0,9 / 5,7	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	
	1,1 / 6,7	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	14749	90	

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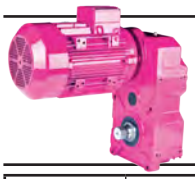

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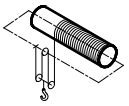

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	1,2 / 7,4	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	369
	1,5 / 9,3	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	1,8 / 10,9	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	2,0 / 12,1	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	2,3 / 14,1	**M8 (5m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	11677	107	
	2,7 / 16,4	**M7 (4m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	16289	107	
Ø180	0,5 / 3,4	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	0,7 / 4,3	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	0,8 / 5,2	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	1,0 / 6,1	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	
	1,1 / 7,1	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	14749	90	
	1,3 / 7,8	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	
	1,6 / 9,9	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	1,9 / 11,5	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	2,1 / 12,8	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	2,5 / 15,1	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	61499	221	371
	2,8 / 17,3	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	67540	221	
	3,2 / 19,6	**M6 (3m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	81163	221	
	3,7 / 23,2	**M6 (3m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	83350	305	
	4,5 / 28,3	**M6 (3m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	83564	305	
	5,1 / 32,1	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	84562	305	
	5,8 / 36,1	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	85395	305	
	1,9 / 11,6	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	2,1 / 13,1	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	2,5 / 15,3	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	3,0 / 18,4	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	3,4 / 20,7	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	3,9 / 24,4	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
	4,5 / 28,4	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	109816	405	
	5,2 / 32,7	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
Ø280	2,6 / 15,7	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	61499	221	371
	2,9 / 17,9	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	78608	221	
	3,3 / 20,3	**M6 (3m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	81163	221	
	3,9 / 24,1	**M6 (3m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	83350	305	
	4,7 / 29,4	**M6 (3m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	83564	305	
	5,3 / 33,2	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	84562	305	
	2,0 / 12,1	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	2,2 / 13,6	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	2,6 / 15,9	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	3,1 / 19,1	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	3,5 / 21,5	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	4,0 / 25,3	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
	4,7 / 29,4	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	109816	405	
	5,4 / 33,9	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
Ø290	2,6 / 16,3	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	61499	221	371
	3,0 / 18,6	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	78608	221	
	3,4 / 21	**M6 (3m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	81163	221	
	4,0 / 24,9	**M6 (3m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	83350	305	
	4,9 / 30,4	**M6 (3m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	83564	305	
	5,5 / 34,4	**M5 (2m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	91714	305	
	2,0 / 12,5	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	2,3 / 14	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	2,7 / 16,5	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	3,2 / 19,8	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	3,6 / 22,2	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160LUE**	105234	405	
	4,2 / 26,2	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
	4,9 / 30,5	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	109816	405	
	5,6 / 35,1	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
Ø300	2,7 / 16,8	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	371
	3,1 / 19,2	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	78608	221	
	3,5 / 21,7	**M6 (3m)**	2,6 / 16	3,7 / 23	6164 / 6222	**126,81**	**VR573.1K-E160LUE**	82470	305	
	4,1 / 25,8	**M6 (3m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	83350	305	
	5,0 / 31,5	**M5 (2m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	91619	305	
	5,7 / 35,6	**M5 (2m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	91714	305	
	2,1 / 12,9	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	2,4 / 14,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	2,8 / 17	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	3,3 / 20,5	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	

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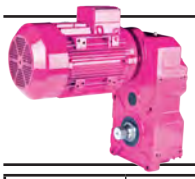

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø300	3,7 / 23	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160LUE**	105234	405	372
	4,3 / 27,1	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
	5,0 / 31,5	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	109816	405	
	5,8 / 36,3	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
Ø310	2,8 / 17,4	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	371
	3,2 / 19,9	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	78608	221	
	3,6 / 22,5	**M6 (3m)**	2,6 / 16	3,7 / 23	6164 / 6222	**126,81**	**VR573.1K-E160LUE**	82470	305	
	4,3 / 26,7	**M6 (3m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	83350	305	
	5,2 / 32,5	**M5 (2m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	91619	305	
	2,2 / 13,4	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	2,4 / 15	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	2,9 / 17,6	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	3,4 / 21,2	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	3,9 / 23,8	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160LUE**	105234	405	
	4,5 / 28	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
	5,2 / 32,6	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	109816	405	
Ø320	2,9 / 17,9	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	73553	221	371
	3,3 / 20,5	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	77671	221	
	3,8 / 23,2	**M6 (3m)**	2,6 / 16	3,7 / 23	6164 / 6222	**126,81**	**VR573.1K-E160LUE**	80435	305	
	4,4 / 27,5	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	91413	305	
	5,4 / 33,5	**M5 (2m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	90761	305	
	2,2 / 13,8	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	2,5 / 15,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	3,0 / 18,2	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	3,5 / 21,8	**M8 (5m)**	2,6 / 16	3,5 / 22	6584 / 6615	**134,51**	**VR673.1K-E160LUE**	101128	405	
	4,0 / 24,5	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160LUE**	105234	405	
	4,6 / 28,9	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
	5,4 / 33,6	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	109816	405	
Ø330	3,0 / 18,5	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	371
	3,4 / 21,1	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	78608	221	
	3,9 / 23,9	**M6 (3m)**	2,6 / 16	3,7 / 23	6164 / 6222	**126,81**	**VR573.1K-E160LUE**	82470	305	
	4,5 / 28,4	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	92680	305	
	5,5 / 34,6	**M5 (2m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	91619	305	
	2,3 / 14,2	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	2,6 / 16	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	3,0 / 18,7	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	3,7 / 22,5	**M8 (5m)**	2,6 / 16	3,5 / 22	6584 / 6615	**134,51**	**VR673.1K-E160LUE**	101128	405	
	4,1 / 25,3	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160LUE**	105234	405	
	4,8 / 29,8	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
	5,5 / 34,7	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	109816	405	
Ø340	3,1 / 19,1	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	371
	3,5 / 21,8	**M6 (3m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160LUE**	80014	305	
	4 ,0/ 24,6	**M5 (2m)**	2,6 / 16	3,7 / 23	6164 / 6222	**126,81**	**VR573.1K-E160LUE**	93498	305	
	4,7 / 29,2	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	92680	305	
	5,7 / 35,6	**M5 (2m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	91619	305	
	2,4 / 14,7	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	2,7 / 16,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	3,1 / 19,3	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	3,8 / 23,2	**M8 (5m)**	2,6 / 16	3,5 / 22	6584 / 6615	**134,51**	**VR673.1K-E160LUE**	101128	405	
	4,2 / 26,1	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160LUE**	105234	405	
	4,9 / 30,7	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø340	5,7 / 35,7	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	109816	405	372

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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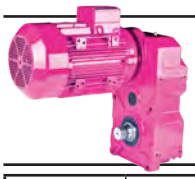
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	0,9 / 5,6	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	1,0 / 6,4	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	1,2 / 7,6	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	1,3 / 8,1	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	1,5 / 9,6	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	1,8 / 11,1	**M8 (5m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	43273	147	
	2,0 / 12,6	**M7 (4m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	46633	147	
	2,3 / 14,4	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	47357	147	
	2,7 / 16,5	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	47992	147	
	3,1 / 18,8	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	48548	147	
	3,7 / 22,9	**M7 (4m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	47474	227	
	4,4 / 27,5	**M6 (3m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	49947	227	
	1,8 / 11,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	371
	2,2 / 13,4	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	2,4 / 15	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	3,0 / 18,3	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	3,4 / 20,7	**M8 (5m)**	1,6 / 9,5	12,6 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	77633	221	
	3,7 / 23,4	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
	4,4 / 27,7	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø180	1,0 / 5,9	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	1,1 / 6,7	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	1,3 / 8,1	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	1,4 / 8,5	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	1,6 / 10,1	**M7 (4m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	47428	122	
	1,9 / 11,7	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	45803	147	
	2,2 / 13,4	**M7 (4m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	46633	147	
	2,5 / 15,2	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	47357	147	
	2,8 / 17,5	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	47992	147	
	3,2 / 19,9	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	48548	147	
	3,9 / 24,2	**M6 (3m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	49404	227	
	4,7 / 29,2	**M6 (3m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	49947	227	
	1,5 / 9,3	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUD**	68206	196	371
	1,7 / 10,6	**M8 (5m)**	0,8 / 4,9	6,1 / 37	1179 / 1184	**77,63**	**VR573.1K-E112MUD**	70695	196	
	1,9 / 12	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	2,3 / 14,2	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	2,6 / 15,9	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	3,1 / 19,4	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	3,6 / 22	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	4,0 / 24,8	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
	4,7 / 29,3	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø190	1,0 / 6,3	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	1,2 / 7,1	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	1,4 / 8,5	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	1,5 / 9,0	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	45705	122	
	1,7 / 10,7	**M7 (4m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	47428	122	
	2,0 / 12,4	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	45803	147	
	2,3 / 14,1	**M7 (4m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	46633	147	
	2,6 / 16,1	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	47357	147	
	3,0 / 18,4	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	47992	147	
	3,4 / 21	**M6 (3m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	50591	147	
	4,1 / 25,5	**M6 (3m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	49404	227	
	4,9 / 30,8	**M6 (3m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	49947	227	
	1,3 / 8,1	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	371
	1,6 / 9,8	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUD**	68206	196	
	1,8 / 11,1	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	71363	221	
	2,1 / 12,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	2,4 / 15	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	2,7 / 16,8	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	371
	3,3 / 20,5	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	3,8 / 23,2	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	4,2 / 26,2	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
	5,0 / 30,9	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø200	1,1 / 6,6	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	1,2 / 7,5	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	1,5 / 9,0	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	44588	122	
	1,5 / 9,5	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	45705	122	
	1,8 / 11,2	**M7 (4m)**	1,6 / 9,5	5,8 / 36	2445 / 2380	**81,00**	**VR473.1K-E132MUE**	44830	147	
	2,1 / 13	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	45803	147	
	2,4 / 14,8	**M7 (4m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	46633	147	
	2,7 / 16,9	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	47357	147	
	3,1 / 19,4	**M6 (3m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	50156	147	
	3,6 / 22,1	**M6 (3m)**	2,6 / 16	11,4 / 70	2033 / 2059	**41,50**	**VR473.1K-E160LUE**	48720	227	
	4,3 / 26,9	**M6 (3m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	49404	227	
	5,2 / 32,4	**M6 (3m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	49947	227	
	1,4 / 8,5	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	371
	1,7 / 10,4	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUD**	68206	196	
	1,9 / 11,7	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	71363	221	
	2,2 / 13,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	2,6 / 15,7	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	2,9 / 17,7	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	3,5 / 21,5	**M8 (5m)**	2,6 / 16	11,1 / 69	2092 / 2121	**42,62**	**VR573.1K-E160LUE**	77128	305	
	4,0 / 24,4	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	4,4 / 27,5	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
	5,2 / 32,6	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø210	1,1 / 6,9	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	42061	122	370
	1,3 / 7,9	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	43489	122	
	1,5 / 9,4	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	44588	122	
	1,6 / 10	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	45705	122	
	1,9 / 11,8	**M7 (4m)**	1,6 / 9,5	5,8 / 36	2445 / 2380	**81,00**	**VR473.1K-E132MUE**	44830	147	
	2,2 / 13,7	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	45803	147	
	2,5 / 15,6	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	49088	147	
	2,9 / 17,7	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	49658	147	
	3,3 / 20,4	**M6 (3m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	50156	147	
	3,8 / 23,2	**M6 (3m)**	2,6 / 16	11,4 / 70	2033 / 2059	**41,50**	**VR473.1K-E160LUE**	48720	227	
	4,5 / 28,2	**M6 (3m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	49404	227	
	5,4 / 34	**M5 (2m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	51886	227	
	1,1 / 6,7	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	371
	1,2 / 7,5	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	1,4 / 8,9	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	
	1,8 / 10,9	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUD**	68206	196	
	2,0 / 12,3	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	71363	221	
	2,3 / 14	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	2,7 / 16,5	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	3,0 / 18,6	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	3,7 / 22,6	**M8 (5m)**	2,6 / 16	11,1 / 69	2092 / 2121	**42,62**	**VR573.1K-E160LUE**	77128	305	
	4,2 / 25,6	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	4,6 / 28,9	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
	5,5 / 34,2	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø220	1,2 / 7,2	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	42061	122	370
	1,3 / 8,2	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	43489	122	
	1,6 / 9,9	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	44588	122	
	1,7 / 10,4	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	45705	122	
	2,0 / 12,4	**M7 (4m)**	1,6 / 9,5	5,8 / 36	2445 / 2380	**81,00**	**VR473.1K-E132MUE**	44830	147	
	2,3 / 14,3	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	48434	147	

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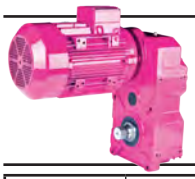
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø220	2,7 / 16,3	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	49088	147	370
	3,0 / 18,6	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	49658	147	
	3,5 / 21,3	**M6 (3m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	50156	147	
	4,0 / 24,3	**M6 (3m)**	2,6 / 16	11,4 / 70	2033 / 2059	**41,50**	**VR473.1K-E160LUE**	48720	227	
	4,7 / 29,6	**M5 (2m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	51455	227	
	5,7 / 35,6	**M5 (2m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	51886	227	
	1,0 / 6,1	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	48953	196	371
	1,1 / 7,0	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	56668	196	
	1,3 / 7,9	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62171	196	
	1,5 / 9,3	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65714	196	
	1,8 / 11,4	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	68541	221	
	2,1 / 12,9	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	71056	221	
	2,4 / 14,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73056	221	
	2,8 / 17,3	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74373	221	
	3,2 / 19,4	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75837	221	
	3,8 / 23,7	**M8 (5m)**	2,6 / 16	11,1 / 69	2092 / 2121	**42,62**	**VR573.1K-E160LUE**	76886	305	
	4,4 / 26,8	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	77914	305	
	4,9 / 30,3	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78821	305	
	5,7 / 35,8	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø230	1,2 / 7,6	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	42061	122	370
	1,4 / 8,6	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	43489	122	
	1,7 / 10,3	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	44588	122	
	1,8 / 10,9	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	45705	122	
	2,1 / 12,9	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2445 / 2380	**81,00**	**VR473.1K-E132MUE**	47670	147	
	2,4 / 15	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	48434	147	
	2,8 / 17,1	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	49088	147	
	3,2 / 19,4	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	49658	147	
	1,0 / 6,4	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	1,2 / 7,3	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	1,3 / 8,3	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	1,6 / 9,8	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	
	1,9 / 11,9	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	68950	221	
	2,2 / 13,5	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	71363	221	
	2,5 / 15,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	2,9 / 18,1	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	3,3 / 20,3	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	4,0 / 24,8	**M8 (5m)**	2,6 / 16	11,1 / 69	2092 / 2121	**42,62**	**VR573.1K-E160LUE**	77128	305	
	4,6 / 28,1	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	5,1 / 31,7	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
Ø240	1,3 / 7,9	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	42061	122	370
	1,5 / 9,0	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	43489	122	
	1,7 / 10,8	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	44588	122	
	1,8 / 11,4	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	45920	147	
	2,2 / 13,5	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2445 / 2380	**81,00**	**VR473.1K-E132MUE**	47670	147	
	2,5 / 15,6	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	48434	147	
	2,9 / 17,8	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	49088	147	
	3,3 / 20,3	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	49658	147	
	1,1 / 6,7	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	1,2 / 7,6	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	1,4 / 8,6	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	1,7 / 10,2	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	
	2,0 / 12,4	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	68950	221	
	2,3 / 14,1	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	71363	221	
	2,6 / 16	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	3,1 / 18,9	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	3,4 / 21,2	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	4,2 / 25,9	**M8 (5m)**	2,6 / 16	11,1 / 69	2092 / 2121	**42,62**	**VR573.1K-E160LUE**	77128	305	

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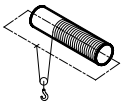

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø240	4,8 / 29,3	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	371
	5,3 / 33,1	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	

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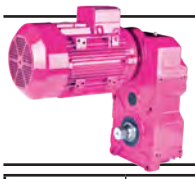

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø100	0,3 / 1,7	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,3 / 1,9	**M7 (4m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	21448	53	
	0,3 / 2,0	**M7 (4m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	21193	53	
	0,4 / 2,4	**M7 (4m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	20535	53	
	0,4 / 2,7	**M7 (4m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	19945	53	
	0,5 / 3,1	**M7 (4m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	19378	53	
	0,6 / 3,8	**M7 (4m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	18566	53	
	0,7 / 4,5	**M7 (4m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	17791	53	
	0,9 / 5,4	**M6 (3m)**	0,8 / 4,9	11 / 69	637 / 640	**42,22**	**VR273.1K-E112MUD**	21194	60	
	1,0 / 6,3	**M7 (3m)**	0,8 / 4,9	13 / 80	551 / 554	**36,38**	**VR273.1K-E112MUD**	15301	60	
	1,2 / 7,5	**M7 (3m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUD**	14743	60	
	1,5 / 8,9	**M6 (2m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUD**	17754	60	
Ø110	0,3 / 1,8	**M6 (3m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	27890	53	368
	0,3 / 2,1	**M6 (3m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	27133	53	
	0,4 / 2,2	**M6 (3m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	26770	53	
	0,4 / 2,6	**M6 (3m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	25847	53	
	0,5 / 3,0	**M6 (3m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	25036	53	
	0,6 / 3,4	**M5 (2m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	30419	53	
	0,7 / 4,1	**M5 (2m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	28994	53	
	0,8 / 5,0	**M5 (2m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	27666	53	
	1,0 / 5,9	**M5 (2m)**	0,8 / 4,9	11 / 69	637 / 640	**42,22**	**VR273.1K-E112MUD**	25116	60	
	1,1 / 6,9	**M6 (3m)**	0,8 / 4,9	13 / 80	551 / 554	**36,38**	**VR273.1K-E112MUD**	19270	60	
	1,3 / 8,3	**M6 (3m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUD**	18501	60	
	1,6 / 9,8	**M6 (3m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUD**	17754	60	
	0,3 / 2,1	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	0,4 / 2,3	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	0,4 / 2,7	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	0,5 / 3,2	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	0,6 / 3,7	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	
	0,7 / 4,3	**M8 (5m)**	0,37 / 2,5	8,1 / 50	405 / 449	**57,79**	**VR373.1K-E100LUD**	15190	82	
	0,8 / 4,8	**M8 (5m)**	0,37 / 2,5	9,0 / 55	367 / 407	**52,30**	**VR373.1K-E100LUD**	14769	82	
	1,0 / 6,0	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	1,1 / 7,1	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	1,3 / 7,8	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	1,5 / 9,1	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	12097	90	
	1,7 / 10,6	**M8 (5m)**	0,8 / 4,9	19,9 / 123	361 / 363	**23,58**	**VR373.1K-E112MUD**	12781	90	
Ø120	0,3 / 2,0	**M5 (2m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	35334	53	368
	0,4 / 2,3	**M4 (1Am)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	43082	53	
	0,4 / 2,4	**M4 (1Am)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	42415	53	
	0,5 / 2,8	**M4 (1Am)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	40747	53	
	0,5 / 3,3	**M4 (1Am)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	39320	53	
	0,6 / 3,7	**M4 (1Am)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	37991	53	
	0,7 / 4,5	**M4 (1Am)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	36147	53	
	0,9 / 5,4	**M4 (1Am)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	34439	53	
	0,4 / 2,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	0,5 / 2,9	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	0,6 / 3,4	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	0,7 / 4,1	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	
	0,8 / 4,7	**M8 (5m)**	0,37 / 2,5	8,1 / 50	405 / 449	**57,79**	**VR373.1K-E100LUD**	15190	82	
	0,8 / 5,2	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	
	1,1 / 6,6	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	1,2 / 7,7	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	1,4 / 8,5	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	1,6 / 9,9	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	12097	90	
	1,9 / 11,6	**M8 (5m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13549	107	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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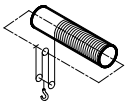

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø130	0,4 / 2,4	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	0,4 / 2,8	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	0,5 / 3,1	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	0,6 / 3,7	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	0,7 / 4,4	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	
	0,8 / 5,1	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	14749	90	
	0,9 / 5,7	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	
	1,2 / 7,1	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	1,4 / 8,3	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	1,5 / 9,2	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	1,7 / 10,7	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUD**	12097	90	
	2,0 / 12,5	**M8 (5m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13549	107	
Ø140	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	0,5 / 3,0	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	0,5 / 3,4	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	0,7 / 4,0	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	0,8 / 4,7	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUD**	15861	82	
	0,9 / 5,5	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	14749	90	
	1,0 / 6,1	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	
	1,2 / 7,7	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	1,5 / 9,0	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	1,6 / 9,9	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	1,9 / 11,6	**M8 (5m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	11677	107	
	2,2 / 13,5	**M7 (4m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	16289	107	
Ø150	0,5 / 2,8	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	0,5 / 3,2	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	0,6 / 3,6	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	0,7 / 4,3	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	0,8 / 5,1	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	15336	90	
	1,0 / 5,9	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	14749	90	
	1,1 / 6,5	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	
	1,3 / 8,2	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	1,6 / 9,6	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	12967	90	
	1,7 / 10,6	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUD**	12619	90	
	2,0 / 12,4	**M7 (4m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	14552	107	
	2,3 / 14,5	**M7 (4m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	16289	107	
Ø160	0,5 / 3,0	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	0,6 / 3,4	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	0,6 / 3,9	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	0,7 / 4,6	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	0,9 / 5,4	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	15336	90	
	1,0 / 6,3	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	14749	90	
	1,1 / 7,0	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	
	1,4 / 8,8	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	13517	90	
	1,7 / 10,3	**M7 (4m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	16053	90	
	1,8 / 11,3	**M7 (4m)**	1,6 / 9,5	14,6 / 90	980 / 957	**32,11**	**VR373.1K-E132MUE**	15133	107	
	2,1 / 13,2	**M7 (4m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	14552	107	
	2,5 / 15,4	**M7 (4m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	16289	107	
Ø170	0,5 / 3,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	0,6 / 3,6	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	0,7 / 4,1	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	0,8 / 4,9	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	0,9 / 5,7	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	15336	90	
	1,1 / 6,7	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	14749	90	
	1,2 / 7,4	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	
	1,5 / 9,3	**M7 (4m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	16752	90	
	1,8 / 10,9	**M7 (4m)**	1,6 / 9,5	13,2 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	15516	107	
	2,0 / 12,1	**M7 (4m)**	1,6 / 9,5	14,6 / 90	980 / 957	**32,11**	**VR373.1K-E132MUE**	15133	107	
	2,3 / 14,1	**M7 (4m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	14552	107	

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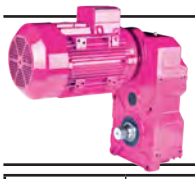
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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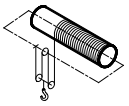

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	2,7 / 16,4	**M6 (3m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	19605	107	369
Ø180	0,5 / 3,4	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	0,7 / 4,3	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	0,8 / 5,2	**M8 (5m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUD**	15957	90	
	1,0 / 6,1	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	15336	90	
	1,1 / 7,1	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	18333	90	
	1,3 / 7,8	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	17850	90	
	1,6 / 9,9	**M7 (4m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	16752	90	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	2,5 / 15,1	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	371
	2,8 / 17,4	**M6 (3m)**	2,6 / 16	3,3 / 20	7030 / 6995	**143,35**	**VR573.1K-E160LUE**	79943	305	
	3,1 / 19,6	**M5 (2m)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160LUE**	93430	305	
	3,7 / 23,2	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	92680	305	
	1,9 / 11,6	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	2,1 / 13,1	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	2,5 / 15,3	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	3,0 / 18,5	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	3,3 / 20,8	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	105176	405	
	3,9 / 24,4	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
Ø280	2,6 / 15,7	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	371
	2,9 / 18	**M5 (2m)**	2,6 / 16	3,3 / 20	7030 / 6995	**143,35**	**VR573.1K-E160LUE**	93254	305	
	3,3 / 20,3	**M5 (2m)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160LUE**	93430	305	
	3,9 / 24,1	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	92680	305	
	2,0 / 12,1	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	2,2 / 13,6	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	2,6 / 15,9	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	3,1 / 19,2	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	3,4 / 21,5	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	105176	405	
	4,0 / 25,3	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
Ø290	2,0 / 12,5	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	2,3 / 14	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	2,7 / 16,5	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	3,2 / 19,9	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	3,6 / 22,3	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	105176	405	
	4,2 / 26,2	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
Ø300	2,1 / 12,9	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	2,4 / 14,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	2,8 / 17	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160LUE**	97121	405	
	3,3 / 20,6	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	3,7 / 23,1	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	105176	405	
	4,3 / 27,1	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
Ø320	2,2 / 13,8	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	2,5 / 15,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	3,0 / 18,2	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160LUE**	97121	405	
	3,5 / 21,9	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	3,9 / 24,6	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	105176	405	
Ø340	2,4 / 14,7	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	2,7 / 16,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	3,1 / 19,3	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160LUE**	97121	405	
	3,7 / 23,3	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	4,2 / 26,1	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	105176	405	
Ø360	2,5 / 15,5	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	2,8 / 17,4	**M8 (5m)**	2,6 / 16	2,5 / 15	9248 / 9287	**189,61**	**VR673.1K-E160LUE**	90839	405	
	3,3 / 20,5	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160LUE**	97121	405	
	3,9 / 24,7	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	4,4 / 27,7	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	105176	405	
Ø380	2,7 / 16,4	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	3,0 / 18,4	**M8 (5m)**	2,6 / 16	2,5 / 15	9248 / 9287	**189,61**	**VR673.1K-E160LUE**	90839	405	

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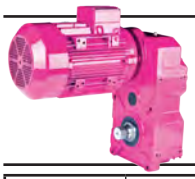
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø380	3,5 / 21,6	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160LUE**	97121	405	372
	4,2 / 26	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	0,9 / 5,6	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	44067	122	370
	1,0 / 6,4	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	45238	122	
	1,2 / 7,6	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	45331	122	
	1,3 / 8,1	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	46400	122	
	1,6 / 9,6	**M7 (4m)**	1,6 / 9,5	5,9 / 36	2419 / 2359	**81,00**	**VR473.1K-E132MUE**	47006	147	
	1,8 / 11,1	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	47676	147	
	2,0 / 12,6	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	48265	147	
	2,3 / 14,4	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	48020	147	
	2,7 / 16,5	**M6 (3m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	48565	147	
	3,0 / 18,9	**M6 (3m)**	2,6 / 16	11,3 / 71	2055 / 2052	**41,50**	**VR473.1K-E160LUE**	48313	227	
	3,7 / 22,9	**M6 (3m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	48808	227	
	4,4 / 27,5	**M5 (2m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	50316	227	
	0,8 / 4,7	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	0,9 / 5,4	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	1,0 / 6,1	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	1,2 / 7,2	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	
	1,4 / 8,9	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	1,6 / 10,1	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	1,8 / 11,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	2,2 / 13,4	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	2,4 / 15	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	2,9 / 18,4	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	77102	305	
	3,3 / 20,8	**M8 (5m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160LUE**	78077	305	
	3,7 / 23,4	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
	4,4 / 27,7	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø180	1,0 / 5,9	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	44067	122	370
	1,1 / 6,7	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	44393	122	
	1,3 / 8,1	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	45331	122	
	1,4 / 8,5	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	45705	122	
	1,7 / 10,2	**M6 (3m)**	1,6 / 9,5	5,9 / 36	2419 / 2359	**81,00**	**VR473.1K-E132MUE**	47006	147	
	1,9 / 11,7	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	47676	147	
	2,2 / 13,4	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	48265	147	
	2,5 / 15,2	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	48020	147	
	2,8 / 17,5	**M6 (3m)**	2,6 / 16	10 / 62	2316 / 2345	**47,37**	**VR473.1K-E160LUE**	48565	227	
	3,2 / 20	**M6 (3m)**	2,6 / 16	11,3 / 71	2055 / 2052	**41,50**	**VR473.1K-E160LUE**	48313	227	
	3,9 / 24,2	**M5 (2m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	50759	227	
	0,8 / 5,0	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	0,9 / 5,7	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	1,0 / 6,5	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	1,2 / 7,6	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	
	1,5 / 9,4	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	1,7 / 10,6	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	1,9 / 12	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	2,3 / 14,2	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	2,6 / 15,9	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	3,1 / 19,5	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	77102	305	
	3,5 / 22	**M8 (5m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160LUE**	78077	305	
	4,0 / 24,8	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
Ø190	1,0 / 6,3	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	44067	122	370
	1,2 / 7,1	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	44393	122	
	1,4 / 8,5	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	45331	122	
	1,5 / 9,0	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	46400	147	
	1,7 / 10,8	**M6 (3m)**	1,6 / 9,5	5,9 / 36	2419 / 2359	**81,00**	**VR473.1K-E132MUE**	47006	147	
	2,0 / 12,4	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	47676	147	
	2,3 / 14,1	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	47395	147	
	2,6 / 16,1	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	48020	147	
	3,0 / 18,4	**M6 (3m)**	2,6 / 16	10 / 62	2316 / 2345	**47,37**	**VR473.1K-E160LUE**	47728	227	
	3,4 / 21,1	**M5 (2m)**	2,6 / 16	11,3 / 71	2055 / 2052	**41,50**	**VR473.1K-E160LUE**	50379	227	
	4,1 / 25,5	**M5 (2m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	49854	227	

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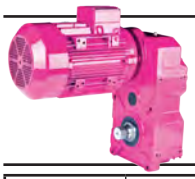
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø190	0,9 / 5,3	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	1,0 / 6,0	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	1,1 / 6,8	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	1,3 / 8,1	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	
	1,6 / 9,9	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	1,8 / 11,2	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	2,1 / 12,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	2,4 / 15	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	2,7 / 16,8	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160LUE**	76590	305	
	3,3 / 20,5	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	77102	305	
	3,7 / 23,3	**M8 (5m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160LUE**	78077	305	
	4,2 / 26,2	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
Ø200	0,9 / 5,6	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	1,0 / 6,4	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	1,2 / 7,2	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	1,4 / 8,5	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	
	1,7 / 10,4	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	1,9 / 11,8	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	2,2 / 13,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	2,6 / 15,7	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	2,9 / 17,7	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160LUE**	76590	305	
	3,5 / 21,6	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	77102	305	
	3,9 / 24,5	**M8 (5m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160LUE**	78077	305	
	4,4 / 27,5	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
Ø210	0,9 / 5,8	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	1,1 / 6,7	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	1,2 / 7,5	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	1,4 / 8,9	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3247 / 3158	**107,18**	**VR573.1K-E132MUE**	66759	221	
	1,8 / 11	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	2,0 / 12,4	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	2,3 / 14	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	2,7 / 16,5	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	3,0 / 18,6	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160LUE**	76590	305	
	3,6 / 22,7	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	77102	305	
	4,1 / 25,7	**M8 (5m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160LUE**	78077	305	
Ø220	1,0 / 6,1	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	48953	196	371
	1,1 / 7,0	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	56668	196	
	1,3 / 7,9	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62171	196	
	1,5 / 9,3	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3247 / 3158	**107,18**	**VR573.1K-E132MUE**	66129	221	
	1,9 / 11,5	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68456	221	
	2,1 / 13	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	70977	221	
	2,4 / 14,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73056	221	
	2,8 / 17,3	**M8 (5m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160LUE**	74761	305	
	3,2 / 19,4	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160LUE**	76227	305	
	3,8 / 23,8	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	76862	305	
	4,3 / 26,9	**M7 (4m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160LUE**	81960	305	
Ø230	1,0 / 6,4	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	1,2 / 7,3	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	1,3 / 8,3	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	1,6 / 9,8	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3247 / 3158	**107,18**	**VR573.1K-E132MUE**	66759	221	
	2,0 / 12	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	2,2 / 13,6	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	2,5 / 15,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	2,9 / 18,1	**M8 (5m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160LUE**	75227	305	
	3,3 / 20,3	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160LUE**	76590	305	
	4,0 / 24,9	**M7 (4m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	81436	305	
	4,5 / 28,2	**M7 (4m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160LUE**	82136	305	

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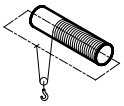

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø240	1,1 / 6,7	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	1,2 / 7,6	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	1,4 / 8,6	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3834 / 3726	**126,81**	**VR573.1K-E132MUE**	63417	221	
	1,7 / 10,2	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3247 / 3158	**107,18**	**VR573.1K-E132MUE**	66759	221	
	2,0 / 12,5	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	2,3 / 14,2	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	2,6 / 16	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	3,1 / 18,9	**M8 (5m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160LUE**	75227	305	
	3,4 / 21,2	**M7 (4m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160LUE**	81271	305	
	4,2 / 25,9	**M7 (4m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	81436	305	

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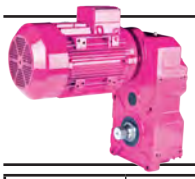

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø130	0,4 / 2,4	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	0,4 / 2,8	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	0,5 / 3,1	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	0,6 / 3,7	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUD**	16590	82	
	0,7 / 4,4	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	15336	90	
	0,8 / 5,1	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	14749	90	
	0,9 / 5,7	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	14375	90	
	1,2 / 7,1	**M7 (4m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	16752	90	
	1,4 / 8,3	**M7 (4m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUD**	16053	90	
	1,5 / 9,3	**M7 (4m)**	1,6 / 9,5	14,8 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	15101	107	
	1,8 / 10,8	**M7 (4m)**	1,6 / 9,5	17,3 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	14519	107	
	2,1 / 12,7	**M7 (4m)**	1,6 / 9,5	20,1 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	16238	107	
	1,0 / 6,2	**M8 (5m)**	0,8 / 4,9	9,9 / 61	720 / 724	**47,37**	**VR473.1K-E112MUD**	45366	122	370
	1,2 / 7,1	**M8 (5m)**	0,8 / 4,9	11,3 / 70	632 / 636	**41,50**	**VR473.1K-E112MUD**	43676	122	
	1,4 / 8,7	**M8 (5m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	40489	147	
	1,7 / 10,5	**M8 (5m)**	1,6 / 9,5	16,7 / 103	861 / 842	**28,45**	**VR473.1K-E132MUE**	38493	147	
Ø140	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	0,5 / 3,0	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	0,5 / 3,4	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	0,7 / 4,0	**M8 (5m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUD**	15957	90	
	0,8 / 4,7	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	15336	90	
	0,9 / 5,5	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	18333	90	
	1,0 / 6,1	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	17850	90	
	1,2 / 7,7	**M7 (4m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	16752	90	
	1,5 / 9,0	**M7 (4m)**	1,6 / 9,5	13,2 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	15516	107	
	1,6 / 10	**M7 (4m)**	1,6 / 9,5	14,8 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	15101	107	
	1,9 / 11,7	**M7 (4m)**	1,6 / 9,5	17,3 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	14519	107	
	2,2 / 13,6	**M6 (3m)**	1,6 / 9,5	20,1 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	19545	107	
	0,8 / 5,2	**M8 (5m)**	0,8 / 4,9	7,6 / 47	937 / 942	**61,85**	**VR473.1K-E112MUD**	46230	122	370
	1,0 / 5,9	**M8 (5m)**	0,8 / 4,9	8,6 / 53	825 / 829	**54,35**	**VR473.1K-E112MUD**	46853	122	
	1,1 / 6,7	**M8 (5m)**	0,8 / 4,9	9,9 / 61	720 / 724	**47,37**	**VR473.1K-E112MUD**	45366	122	
	1,2 / 7,7	**M8 (5m)**	0,8 / 4,9	11,3 / 70	632 / 636	**41,50**	**VR473.1K-E112MUD**	43676	122	
	1,5 / 9,4	**M8 (5m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	40489	147	
	1,8 / 11,3	**M8 (5m)**	1,6 / 9,5	16,7 / 103	861 / 842	**28,45**	**VR473.1K-E132MUE**	38493	147	
Ø150	0,5 / 2,8	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	0,5 / 3,2	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	0,6 / 3,6	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	
	0,7 / 4,3	**M8 (5m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUD**	15957	90	
	0,8 / 5,1	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	19096	90	
	1,0 / 5,9	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	18333	90	
	1,1 / 6,5	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	17850	90	
	1,3 / 8,2	**M7 (4m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUD**	16752	90	
	1,6 / 9,6	**M7 (4m)**	1,6 / 9,5	13,2 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	15516	107	
	1,7 / 10,7	**M6 (3m)**	1,6 / 9,5	14,8 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	18738	107	
	2,0 / 12,5	**M6 (3m)**	1,6 / 9,5	17,3 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	17988	107	
	2,4 / 14,6	**M6 (3m)**	1,6 / 9,5	20,1 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	19545	107	
	0,8 / 4,8	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	370
	0,9 / 5,5	**M8 (5m)**	0,8 / 4,9	7,6 / 47	937 / 942	**61,85**	**VR473.1K-E112MUD**	46230	122	
	1,0 / 6,3	**M8 (5m)**	0,8 / 4,9	8,6 / 53	825 / 829	**54,35**	**VR473.1K-E112MUD**	46853	122	
	1,2 / 7,2	**M8 (5m)**	0,8 / 4,9	9,9 / 61	720 / 724	**47,37**	**VR473.1K-E112MUD**	45366	122	
	1,3 / 8,2	**M8 (5m)**	0,8 / 4,9	11,3 / 70	632 / 636	**41,50**	**VR473.1K-E112MUD**	43676	122	
	1,6 / 10	**M8 (5m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	40489	147	
	2,0 / 12,1	**M8 (5m)**	1,6 / 9,5	16,7 / 103	861 / 842	**28,45**	**VR473.1K-E132MUE**	38493	147	
Ø160	0,5 / 3,0	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	0,6 / 3,4	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø160	0,6 / 3,9	**M8 (5m)**	0,37 / 2,5	5 / 31	657 / 728	**94,32**	**VR373.1K-E100LUD**	17394	82	369
	0,7 / 4,6	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUD**	19913	90	
	0,9 / 5,4	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	19096	90	
	1,0 / 6,3	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	18333	90	
	1,1 / 7,0	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	17850	90	
	1,4 / 8,8	**M7 (4m)**	1,6 / 9,5	11,3 / 70	1261 / 1230	**41,42**	**VR373.1K-E132MUE**	16111	107	
	1,7 / 10,3	**M6 (3m)**	1,6 / 9,5	13,2 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	19277	107	
	1,9 / 11,4	**M6 (3m)**	1,6 / 9,5	14,8 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	18738	107	
	2,2 / 13,3	**M6 (3m)**	1,6 / 9,5	17,3 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	17988	107	
	2,5 / 15,6	**M6 (3m)**	1,6 / 9,5	20,1 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	19545	107	
	0,7 / 4,5	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	370
	0,8 / 5,2	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	1,0 / 5,9	**M8 (5m)**	0,8 / 4,9	7,6 / 47	937 / 942	**61,85**	**VR473.1K-E112MUD**	46230	122	
	1,1 / 6,7	**M8 (5m)**	0,8 / 4,9	8,6 / 53	825 / 829	**54,35**	**VR473.1K-E112MUD**	46853	122	
	1,2 / 7,7	**M8 (5m)**	0,8 / 4,9	9,9 / 61	720 / 724	**47,37**	**VR473.1K-E112MUD**	45366	122	
	1,4 / 8,8	**M8 (5m)**	1,6 / 9,5	11,3 / 70	1264 / 1233	**41,50**	**VR473.1K-E132MUE**	42669	147	
	1,7 / 10,7	**M8 (5m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	40489	147	
	2,1 / 12,9	**M8 (5m)**	1,6 / 9,5	16,7 / 103	861 / 842	**28,45**	**VR473.1K-E132MUE**	38493	147	
Ø170	0,5 / 3,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	0,6 / 3,6	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	17982	82	
	0,7 / 4,1	**M7 (4m)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUD**	20798	90	
	0,8 / 4,9	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUD**	19913	90	
	0,9 / 5,7	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	19096	90	
	1,1 / 6,7	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	18333	90	
	1,2 / 7,4	**M6 (3m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	22058	90	
	1,5 / 9,3	**M6 (3m)**	1,6 / 9,5	11,3 / 70	1261 / 1230	**41,42**	**VR373.1K-E132MUE**	20059	107	
	1,8 / 10,9	**M6 (3m)**	1,6 / 9,5	13,2 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	19277	107	
	2,0 / 12,2	**M6 (3m)**	1,6 / 9,5	14,8 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	18738	107	
	2,3 / 14,2	**M6 (3m)**	1,6 / 9,5	17,3 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	17988	107	
	0,7 / 4,0	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	370
	0,8 / 4,8	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	0,9 / 5,5	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	1,0 / 6,3	**M8 (5m)**	0,8 / 4,9	7,6 / 47	937 / 942	**61,85**	**VR473.1K-E112MUD**	46230	122	
	1,2 / 7,1	**M8 (5m)**	0,8 / 4,9	8,6 / 53	825 / 829	**54,35**	**VR473.1K-E112MUD**	46853	122	
	1,3 / 8,2	**M8 (5m)**	0,8 / 4,9	9,9 / 61	720 / 724	**47,37**	**VR473.1K-E112MUD**	45366	122	
	1,5 / 9,3	**M8 (5m)**	1,6 / 9,5	11,3 / 70	1264 / 1233	**41,50**	**VR473.1K-E132MUE**	42669	147	
	1,8 / 11,4	**M8 (5m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	40489	147	
	2,2 / 13,7	**M8 (5m)**	1,6 / 9,5	16,7 / 103	861 / 842	**28,45**	**VR473.1K-E132MUE**	38493	147	
Ø180	0,5 / 3,4	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	18623	82	369
	0,6 / 3,8	**M7 (4m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUD**	22280	82	
	0,7 / 4,3	**M7 (4m)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUD**	20798	90	
	0,8 / 5,2	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUD**	19913	90	
	1,0 / 6,1	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	19096	90	
	1,1 / 7,1	**M6 (3m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	22671	90	
	1,3 / 7,8	**M6 (3m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	22058	90	
	0,5 / 3,4	**M8 (5m)**	0,37 / 2,5	3,9 / 24	845 / 936	**121,49**	**VR473.1K-E100LUD**	41738	115	370
	0,7 / 4,0	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	0,7 / 4,3	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	0,8 / 5,1	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	0,9 / 5,8	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	1,1 / 6,6	**M8 (5m)**	0,8 / 4,9	7,6 / 47	937 / 942	**61,85**	**VR473.1K-E112MUD**	46230	122	
	1,2 / 7,5	**M8 (5m)**	0,8 / 4,9	8,6 / 53	825 / 829	**54,35**	**VR473.1K-E112MUD**	46853	122	
	1,4 / 8,7	**M8 (5m)**	1,6 / 9,5	9,9 / 61	1440 / 1404	**47,37**	**VR473.1K-E132MUE**	44121	147	
	1,6 / 9,9	**M8 (5m)**	1,6 / 9,5	11,3 / 70	1264 / 1233	**41,50**	**VR473.1K-E132MUE**	42669	147	
	2,0 / 12,1	**M8 (5m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	40489	147	
	2,4 / 14,5	**M8 (5m)**	1,6 / 9,5	16,7 / 103	861 / 842	**28,45**	**VR473.1K-E132MUE**	38493	147	

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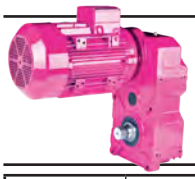

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø190	0,6 / 3,6	**M7 (4m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	23097	82	369
	0,7 / 4,1	**M7 (4m)**	0,8 / 4,9	4,4 / 27	1604 / 1610	**106,69**	**VR373.1K-E112MUD**	21434	90	
	0,7 / 4,6	**M7 (4m)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUD**	20798	90	
	0,9 / 5,5	**M6 (3m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUD**	24695	90	
	1,0 / 6,4	**M6 (3m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	23644	90	
	1,2 / 7,5	**M6 (3m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	22671	90	
	1,3 / 8,3	**M6 (3m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUD**	22058	90	
	0,6 / 3,6	**M8 (5m)**	0,37 / 2,5	3,9 / 24	845 / 936	**121,49**	**VR473.1K-E100LUD**	41738	115	370
	0,7 / 4,3	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	0,7 / 4,5	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	0,9 / 5,3	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	1,0 / 6,1	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	1,1 / 7,0	**M8 (5m)**	0,8 / 4,9	7,6 / 47	937 / 942	**61,85**	**VR473.1K-E112MUD**	46230	122	
	1,3 / 8,0	**M8 (5m)**	0,8 / 4,9	8,6 / 53	825 / 829	**54,35**	**VR473.1K-E112MUD**	46853	122	
	1,5 / 9,1	**M8 (5m)**	1,6 / 9,5	9,9 / 61	1440 / 1404	**47,37**	**VR473.1K-E132MUE**	44121	147	
	1,7 / 10,4	**M8 (5m)**	1,6 / 9,5	11,3 / 70	1264 / 1233	**41,50**	**VR473.1K-E132MUE**	42669	147	
	2,1 / 12,7	**M8 (5m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	40489	147	
Ø200	0,6 / 3,7	**M6 (3m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUD**	28515	82	369
	0,7 / 4,3	**M5 (2m)**	0,8 / 4,9	4,4 / 27	1604 / 1610	**106,69**	**VR373.1K-E112MUD**	33249	90	
	0,8 / 4,8	**M5 (2m)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUD**	32170	90	
	0,9 / 5,7	**M5 (2m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUD**	30693	90	
	1,1 / 6,8	**M5 (2m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUD**	29352	90	
	1,3 / 7,9	**M4 (1Am)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUD**	34816	90	
	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	960 / 1062	**138,35**	**VR473.1K-E100LUD**	40184	115	370
	0,6 / 3,7	**M8 (5m)**	0,37 / 2,5	3,9 / 24	845 / 936	**121,49**	**VR473.1K-E100LUD**	41738	115	
	0,7 / 4,5	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	0,8 / 4,7	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	0,9 / 5,6	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	1,0 / 6,4	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	1,2 / 7,4	**M8 (5m)**	0,8 / 4,9	7,6 / 47	937 / 942	**61,85**	**VR473.1K-E112MUD**	46230	122	
	1,4 / 8,4	**M8 (5m)**	0,8 / 4,9	8,6 / 53	825 / 829	**54,35**	**VR473.1K-E112MUD**	46853	122	
	1,6 / 9,6	**M8 (5m)**	1,6 / 9,5	9,9 / 61	1440 / 1404	**47,37**	**VR473.1K-E132MUE**	44121	147	
	1,8 / 11	**M8 (5m)**	1,6 / 9,5	11,3 / 70	1264 / 1233	**41,50**	**VR473.1K-E132MUE**	42669	147	
	2,2 / 13,4	**M8 (5m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	40489	147	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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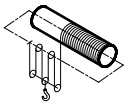

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,2 / 1,1	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,2 / 1,3	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,2 / 1,3	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,3 / 1,6	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,3 / 1,8	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0,3 / 2,1	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0,4 / 2,5	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	0,5 / 3,0	**M7 (4m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	0,6 / 3,6	**M7 (4m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUD**	13624	53	
	0,7 / 4,2	**M7 (4m)**	0,8 / 4,9	13 / 80	551 / 554	**36,38**	**VR273.1K-E112MUD**	13151	60	
	0,8 / 5,0	**M7 (4m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUD**	12583	60	
	1,0 / 6,0	**M7 (4m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUD**	12039	60	
Ø110	0,2 / 1,2	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,2 / 1,4	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,2 / 1,5	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,3 / 1,7	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,3 / 2,0	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0,4 / 2,3	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0,4 / 2,8	**M7 (4m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	0,5 / 3,3	**M7 (4m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
	0,6 / 4,0	**M7 (4m)**	0,8 / 4,9	11 / 69	295 / 327	**42,22**	**VR273.1K-E112MUD**	13624	60	
	0,7 / 4,6	**M7 (4m)**	0,8 / 4,9	13 / 80	637 / 640	**36,38**	**VR273.1K-E112MUD**	13151	60	
	0,9 / 5,5	**M7 (4m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUD**	12583	60	
	1,1 / 6,6	**M6 (3m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUD**	12039	60	
Ø120	0,2 / 1,3	**M7 (4m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,2 / 1,5	**M7 (4m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,3 / 1,6	**M7 (4m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,3 / 1,9	**M6 (3m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,4 / 2,2	**M6 (3m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0,4 / 2,5	**M6 (3m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0,5 / 3,0	**M6 (3m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
	0,6 / 3,6	**M6 (3m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUD**	14184	53	
Ø130	0,2 / 1,4	**M6 (3m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0,3 / 1,6	**M5 (2m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0,3 / 1,7	**M5 (2m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0,3 / 2,1	**M5 (2m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0,4 / 2,4	**M5 (2m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0,4 / 2,7	**M5 (2m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0,5 / 3,3	**M5 (2m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	
Ø140	0.2 / 1,5	**M4 (1Am)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUD**	17087	53	368
	0.3 / 1,8	**M4 (1Am)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUD**	16761	53	
	0.3 / 1,9	**M4 (1Am)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUD**	16595	53	
	0.4 / 2,2	**M4 (1Am)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUD**	16156	53	
	0.4 / 2,5	**M4 (1Am)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUD**	15747	53	
	0.5 / 2,9	**M4 (1Am)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUD**	15345	53	
	0.6 / 3,5	**M4 (1Am)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUD**	14757	53	

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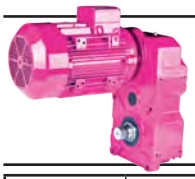

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø280	2,0 / 12,1	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	2,2 / 13,6	**M8 (5m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	90757	405	
	2,6 / 16	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160LUE**	97049	405	
	3,1 / 19,2	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	3,4 / 21,5	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	105176	405	
	1,8 / 11	**M8 (5m)**	1,6 / 9,5	2,0 / 13	6987 / 6809	**233,77**	**VR773.1K-E132MUE**	103429	433	373
Ø300	2,1 / 12,9	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	2,3 / 14,6	**M8 (5m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	90757	405	
	2,7 / 17,1	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160LUE**	97049	405	
	3,3 / 20,6	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	1,9 / 11,8	**M8 (5m)**	1,6 / 9,5	2,0 / 13	6987 / 6809	**233,77**	**VR773.1K-E132MUE**	103429	433	373
Ø320	2,2 / 13,8	**M8 (5m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160LUE**	80308	405	372
	2,5 / 15,6	**M8 (5m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	90757	405	
	2,9 / 18,2	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160LUE**	97049	405	
	3,5 / 21,9	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	2,0 / 12,6	**M8 (5m)**	1,6 / 9,5	2,0 / 13	6987 / 6809	**233,77**	**VR773.1K-E132MUE**	103429	433	373
Ø340	2,4 / 14,7	**M8 (5m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160LUE**	80308	405	372
	2,6 / 16,5	**M8 (5m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	90757	405	
	3,1 / 19,4	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160LUE**	97049	405	
	2,2 / 13,4	**M8 (5m)**	1,6 / 9,5	2,0 / 13	6987 / 6809	**233,77**	**VR773.1K-E132MUE**	103429	433	373
Ø360	2,5 / 15,5	**M8 (5m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160LUE**	80308	405	372
	2,8 / 17,5	**M7 (4m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	105634	405	
	3,3 / 20,5	**M7 (4m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160LUE**	109865	405	
	2,3 / 14,1	**M8 (5m)**	2,6 / 16	2,0 / 13	11355 / 11468	**233,77**	**VR773.1K-E160LUE**	105413	515	373
	2,7 / 16,5	**M8 (5m)**	2,6 / 16	2,4 / 15	9738 / 9842	**200,14**	**VR773.1K-E160LUE**	117498	515	
	3,2 / 19,9	**M8 (5m)**	2,6 / 16	2,8 / 18	8192 / 8171	**166,50**	**VR773.1K-E160LUE**	124799	515	
	3,6 / 22,3	**M8 (5m)**	2,6 / 16	3,2 / 20	7338 / 7322	**148,95**	**VR773.1K-E160LUE**	131766	515	
Ø380	2,7 / 16,4	**M7 (4m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160LUE**	97718	405	372
	3,0 / 18,5	**M7 (4m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	105634	405	
	3,5 / 21,7	**M7 (4m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160LUE**	109865	405	
	2,4 / 14,9	**M8 (5m)**	2,6 / 16	2,0 / 13	11355 / 11468	**233,77**	**VR773.1K-E160LUE**	105413	515	373
	2,8 / 17,4	**M8 (5m)**	2,6 / 16	2,4 / 15	9738 / 9842	**200,14**	**VR773.1K-E160LUE**	117498	515	
	3,4 / 21	**M8 (5m)**	2,6 / 16	2,8 / 18	8192 / 8171	**166,50**	**VR773.1K-E160LUE**	124799	515	
Ø400	2,8 / 17,2	**M7 (4m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160LUE**	97718	405	372
	3,1 / 19,4	**M7 (4m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	105634	405	
	2,6 / 15,7	**M8 (5m)**	2,6 / 16	2,0 / 13	11355 / 11468	**233,77**	**VR773.1K-E160LUE**	105413	515	373
	3,0 / 18,4	**M8 (5m)**	2,6 / 16	2,4 / 15	9738 / 9842	**200,14**	**VR773.1K-E160LUE**	117498	515	
	3,5 / 22,1	**M8 (5m)**	2,6 / 16	2,8 / 18	8192 / 8171	**166,50**	**VR773.1K-E160LUE**	124799	515	

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø420	2,9 / 18,1	**M7 (4m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160LUE**	97718	405	372
	3,3 / 20,4	**M7 (4m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	105634	405	
	2,7 / 16,5	**M8 (5m)**	2,6 / 16	2,0 / 13	11355 / 11468	**233,77**	**VR773.1K-E160LUE**	105413	515	373
	3,1 / 19,3	**M8 (5m)**	2,6 / 16	2,4 / 15	9738 / 9842	**200,14**	**VR773.1K-E160LUE**	117498	515	

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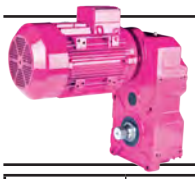

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø230	1,0 / 6,4	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	1,2 / 7,4	**M8 (5m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	1,4 / 8,3	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	63302	221	
	1,6 / 9,9	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66656	221	
	2,0 / 12	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	2,2 / 13,7	**M7 (4m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	78121	305	
	2,5 / 15,4	**M7 (4m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	79549	305	
	2,9 / 18,2	**M7 (4m)**	2,6 / 16	8,1 / 50	2889 / 2884	**58,36**	**VR573.1K-E160LUE**	80241	305	
	3,3 / 20,4	**M7 (4m)**	2,6 / 16	9,0 / 56	2576 / 2573	**51,97**	**VR573.1K-E160LUE**	81241	305	
	2,0 / 12	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2653 / 2572	**87,77**	**VR673.1K-E132MUE**	108937	323	372
	2,2 / 13,9	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
	2,5 / 15,9	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	
	2,9 / 18,1	**M8 (5m)**	2,6 / 16	8,0 / 50	2921 / 2895	**58,54**	**VR673.1K-E160LUE**	114716	405	
Ø240	1,1 / 6,7	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	1,2 / 7,7	**M8 (5m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	1,4 / 8,7	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	63302	221	
	1,7 / 10,3	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66656	221	
	2,0 / 12,5	**M7 (4m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	75460	221	
	2,3 / 14,2	**M7 (4m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	78121	305	
	2,6 / 16	**M7 (4m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	79549	305	
	3,0 / 18,9	**M7 (4m)**	2,6 / 16	8,1 / 50	2889 / 2884	**58,36**	**VR573.1K-E160LUE**	80241	305	
	3,4 / 21,3	**M7 (4m)**	2,6 / 16	9,0 / 56	2576 / 2573	**51,97**	**VR573.1K-E160LUE**	81241	305	
	1,8 / 10,8	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	372
	2,0 / 12,6	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2653 / 2572	**87,77**	**VR673.1K-E132MUE**	108937	323	
	2,3 / 14,5	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
	2,7 / 16,6	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	
	3,0 / 18,9	**M8 (5m)**	2,6 / 16	8,0 / 50	2921 / 2895	**58,54**	**VR673.1K-E160LUE**	114716	405	
Ø250	1,1 / 7,0	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4932 / 4790	**163,77**	**VR573.1K-E132MUE**	50607	221	371
	1,3 / 8,0	**M8 (5m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	1,5 / 9,1	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	63302	221	
	1,7 / 10,7	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	74078	221	
	2,1 / 13,1	**M7 (4m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	75460	221	
	2,4 / 14,8	**M7 (4m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	78121	305	
	2,7 / 16,7	**M7 (4m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	79549	305	
	3,2 / 19,7	**M7 (4m)**	2,6 / 16	8,1 / 50	2889 / 2884	**58,36**	**VR573.1K-E160LUE**	80241	305	
	3,5 / 22,2	**M6 (3m)**	2,6 / 16	9,0 / 56	2576 / 2573	**51,97**	**VR573.1K-E160LUE**	86154	305	
	1,6 / 9,6	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	372
	1,8 / 11,2	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	
	2,1 / 13,1	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2653 / 2572	**87,77**	**VR673.1K-E132MUE**	108937	323	
	2,4 / 15,1	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
	2,8 / 17,3	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	
	3,2 / 19,7	**M8 (5m)**	2,6 / 16	8,0 / 50	2921 / 2895	**58,54**	**VR673.1K-E160LUE**	114716	405	
Ø260	1,2 / 7,2	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4932 / 4790	**163,77**	**VR573.1K-E132MUE**	50607	221	371
	1,4 / 8,3	**M8 (5m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	1,5 / 9,4	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	63302	221	
	1,8 / 11,1	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	74078	221	
	2,2 / 13,6	**M7 (4m)**	2,6 / 16	5,4 / 33	4286 / 4332	**87,90**	**VR573.1K-E160LUE**	76433	305	
	2,5 / 15,4	**M7 (4m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	78121	305	
	2,8 / 17,4	**M7 (4m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	79549	305	
	3,3 / 20,5	**M6 (3m)**	2,6 / 16	8,1 / 50	2889 / 2884	**58,36**	**VR573.1K-E160LUE**	85566	305	
	1,6 / 10	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	372
	1,9 / 11,7	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	
	2,2 / 13,6	**M8 (5m)**	2,6 / 16	5,4 / 33	4312 / 4332	**87,77**	**VR673.1K-E160LUE**	109863	405	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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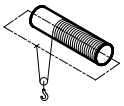

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø260	2,5 / 15,7	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	372
	2,9 / 18	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	
	3,3 / 20,5	**M8 (5m)**	2,6 / 16	8,0 / 50	2921 / 2895	**58,54**	**VR673.1K-E160LUE**	114716	405	
Ø270	1,2 / 7,5	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4932 / 4790	**163,77**	**VR573.1K-E132MUE**	50607	221	371
	1,4 / 8,6	**M8 (5m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	1,6 / 9,8	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	71717	221	
	1,9 / 11,6	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	74078	221	
	2,3 / 14,1	**M7 (4m)**	2,6 / 16	5,4 / 33	4286 / 4332	**87,90**	**VR573.1K-E160LUE**	76433	305	
	2,6 / 16	**M7 (4m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	78121	305	
	2,9 / 18	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	85395	305	
	3,4 / 21,3	**M6 (3m)**	2,6 / 16	8,1 / 50	2889 / 2884	**58,36**	**VR573.1K-E160LUE**	85566	305	
	1,5 / 9,2	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	372
	1,7 / 10,3	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	2,0 / 12,1	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	
	2,3 / 14,1	**M8 (5m)**	2,6 / 16	5,4 / 33	4312 / 4332	**87,77**	**VR673.1K-E160LUE**	109863	405	
	2,6 / 16,3	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
	3,0 / 18,7	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	
	3,4 / 21,3	**M8 (5m)**	2,6 / 16	8,0 / 50	2921 / 2895	**58,54**	**VR673.1K-E160LUE**	114716	405	
Ø280	1,3 / 7,8	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4932 / 4790	**163,77**	**VR573.1K-E132MUE**	48599	221	371
	1,5 / 9,0	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	66441	221	
	1,6 / 10,1	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	70911	221	
	1,9 / 12	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	73522	221	
	2,4 / 14,6	**M7 (4m)**	2,6 / 16	5,4 / 33	4286 / 4332	**87,90**	**VR573.1K-E160LUE**	75389	305	
	2,7 / 16,6	**M7 (4m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	77332	305	
	3,0 / 18,7	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	84828	305	
	3,5 / 22,1	**M6 (3m)**	2,6 / 16	8,1 / 50	2889 / 2884	**58,36**	**VR573.1K-E160LUE**	85161	305	
	1,3 / 7,9	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4915 / 4754	**161,66**	**VR673.1K-E132MUE**	95759	323	372
	1,6 / 9,6	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	1,7 / 10,7	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	2,0 / 12,6	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	
	2,4 / 14,7	**M8 (5m)**	2,6 / 16	5,4 / 33	4312 / 4332	**87,77**	**VR673.1K-E160LUE**	109863	405	
	2,7 / 16,9	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
	3,1 / 19,4	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	
	3,5 / 22	**M8 (5m)**	2,6 / 16	8,0 / 50	2921 / 2895	**58,54**	**VR673.1K-E160LUE**	114716	405	
Ø290	1,3 / 8,1	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4932 / 4790	**163,77**	**VR573.1K-E132MUE**	61671	221	371
	1,5 / 9,3	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	67540	221	
	1,7 / 10,5	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	71717	221	
	2,0 / 12,4	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	74078	221	
	2,5 / 15,2	**M7 (4m)**	2,6 / 16	5,4 / 33	4286 / 4332	**87,90**	**VR573.1K-E160LUE**	76433	305	
	2,8 / 17,2	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	84562	305	
	3,1 / 19,4	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	85395	305	
	1,1 / 7,0	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5751 / 5562	**189,61**	**VR673.1K-E132MUE**	89335	323	372
	1,3 / 8,2	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4915 / 4754	**161,66**	**VR673.1K-E132MUE**	95759	323	
	1,6 / 9,9	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	1,8 / 11,1	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	2,1 / 13	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	
	2,5 / 15,2	**M8 (5m)**	2,6 / 16	5,4 / 33	4312 / 4332	**87,77**	**VR673.1K-E160LUE**	109863	405	
	2,8 / 17,5	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
	3,2 / 20,1	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	
Ø300	1,4 / 8,3	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4932 / 4790	**163,77**	**VR573.1K-E132MUE**	61671	221	371
	1,6 / 9,6	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	67540	221	
	1,8 / 10,9	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	71717	221	
	2,1 / 12,9	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	74078	221	

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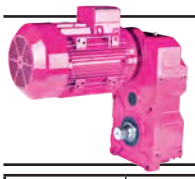

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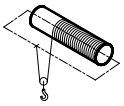

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø300	2,5 / 15,7	**M6 (3m)**	2,6 / 16	5,4 / 33	4286 / 4332	**87,90**	**VR573.1K-E160LUE**	83610	305	371
	2,9 / 17,8	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	84562	305	
	3,2 / 20	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	85395	305	
	1,0 / 6,4	**M8 (5m)**	0,8 / 4,9	2,2 / 14	3227 / 3218	**213,15**	**VR673.1K-E112MUD**	77311	298	372
	1,2 / 7,2	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5751 / 5562	**189,61**	**VR673.1K-E132MUE**	89335	323	
	1,4 / 8,4	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4915 / 4754	**161,66**	**VR673.1K-E132MUE**	95759	323	
	1,7 / 10,2	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	1,9 / 11,5	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	2,2 / 13,5	**M8 (5m)**	2,6 / 16	4,7 / 29	5005 / 5028	**102,10**	**VR673.1K-E160LUE**	107742	405	
	2,5 / 15,7	**M8 (5m)**	2,6 / 16	5,4 / 33	4312 / 4332	**87,77**	**VR673.1K-E160LUE**	109863	405	
	2,9 / 18,1	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
	3,3 / 20,8	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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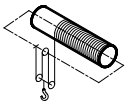

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	0,5 / 2,8	**M8 (5m)**	0,37 / 2,5	3,4 / 21	960 / 1062	**138,35**	**VR473.1K-E100LUD**	40184	115	370
	0,5 / 3,2	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	0,6 / 3,8	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	0,7 / 4,0	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	0,8 / 4,8	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	0,9 / 5,5	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	1,0 / 6,3	**M8 (5m)**	0,8 / 4,9	7,6 / 47	937 / 942	**61,85**	**VR473.1K-E112MUD**	46230	122	
	1,2 / 7,2	**M8 (5m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	45131	147	
	1,3 / 8,2	**M8 (5m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	44027	147	
	1,5 / 9,4	**M8 (5m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	42575	147	
	1,8 / 11,4	**M7 (4m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	49008	147	
	2,2 / 13,8	**M7 (4m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	46483	227	
	1,7 / 10,4	**M8 (5m)**	1,6 / 9,5	12,6 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	77633	221	371
	1,9 / 11,7	**M8 (5m)**	1,6 / 9,5	14,2 / 87	1013 / 992	**33,46**	**VR573.1K-E132MUE**	78568	221	
	2,2 / 13,8	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø180	0,5 / 3,0	**M8 (5m)**	0,37 / 2,5	3,4 / 21	960 / 1062	**138,35**	**VR473.1K-E100LUD**	40184	115	370
	0,5 / 3,4	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	0,7 / 4,0	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	0,7 / 4,3	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	0,8 / 5,1	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	0,9 / 5,8	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	1,1 / 6,6	**M8 (5m)**	0,8 / 4,9	7,6 / 47	937 / 942	**61,85**	**VR473.1K-E112MUD**	46230	122	
	1,2 / 7,6	**M8 (5m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	45131	147	
	1,4 / 8,7	**M8 (5m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	44027	147	
	1,6 / 10	**M8 (5m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	42575	147	
	2,0 / 12,1	**M7 (4m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	49008	147	
	2,3 / 14,6	**M7 (4m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	46483	227	
	1,8 / 11	**M8 (5m)**	1,6 / 9,5	12,6 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	77633	221	371
	2,0 / 12,4	**M8 (5m)**	1,6 / 9,5	14,2 / 87	1013 / 992	**33,46**	**VR573.1K-E132MUE**	78568	221	
	2,3 / 14,7	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø190	0,5 / 3,1	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	0,6 / 3,6	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	0,7 / 4,3	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	0,7 / 4,5	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	0,9 / 5,3	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	1,0 / 6,1	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	1,1 / 7,0	**M8 (5m)**	1,6 / 9,5	7,6 / 47	1875 / 1826	**61,85**	**VR473.1K-E132MUE**	44259	147	
	1,3 / 8,0	**M8 (5m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	45131	147	
	1,5 / 9,2	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	47992	147	
	1,7 / 10,5	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	48548	147	
	2,1 / 12,7	**M7 (4m)**	1,6 / 9,5	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E132MUE**	49008	147	
	2,5 / 15,4	**M7 (4m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	46483	227	
	1,4 / 8,4	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	371
	1,7 / 10,2	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	1,9 / 11,6	**M8 (5m)**	1,6 / 9,5	12,6 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	77633	221	
	2,1 / 13	**M8 (5m)**	1,6 / 9,5	14,2 / 87	1013 / 992	**33,46**	**VR573.1K-E132MUE**	78568	221	
	2,5 / 15,5	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø200	0,5 / 3,3	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	0,6 / 3,7	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	0,7 / 4,5	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	0,8 / 4,7	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	0,9 / 5,6	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	1,0 / 6,4	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E112MUD**	45522	122	
	1,2 / 7,4	**M8 (5m)**	1,6 / 9,5	7,6 / 47	1875 / 1826	**61,85**	**VR473.1K-E132MUE**	44259	147	
	1,4 / 8,4	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	47357	147	

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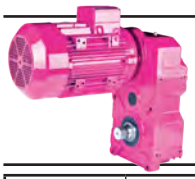
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø200	1,6 / 9,7	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	47992	147	370
	1,8 / 11,1	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	48548	147	
	2,2 / 13,4	**M7 (4m)**	2,6 / 16	13,9 / 85	1682 / 1704	**34,28**	**VR473.1K-E160LUE**	47470	227	
	2,6 / 16,2	**M6 (3m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	49947	227	
	1,3 / 7,8	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1778 / 1733	**58,36**	**VR573.1K-E132MUE**	74607	221	371
	1,4 / 8,8	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	1,7 / 10,8	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	2,0 / 12,2	**M8 (5m)**	1,6 / 9,5	12,6 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	77633	221	
	2,2 / 13,7	**M8 (5m)**	2,6 / 16	14,2 / 87	1647 / 1670	**33,46**	**VR573.1K-E160LUE**	78988	305	
	2,6 / 16,3	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø210	0,6 / 3,5	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	0,6 / 3,9	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	0,8 / 4,7	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	0,8 / 5,0	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	1,0 / 5,9	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	44717	122	
	1,1 / 6,8	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2136 / 2079	**70,59**	**VR473.1K-E132MUE**	45795	147	
	1,3 / 7,7	**M7 (4m)**	1,6 / 9,5	7,6 / 47	1875 / 1826	**61,85**	**VR473.1K-E132MUE**	46629	147	
	1,4 / 8,9	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	47357	147	
	1,7 / 10,2	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	47992	147	
	1,9 / 11,6	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	48548	147	
	2,3 / 14,1	**M7 (4m)**	2,6 / 16	13,9 / 85	1682 / 1704	**34,28**	**VR473.1K-E160LUE**	47470	227	
	2,7 / 17	**M6 (3m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	49947	227	
	1,0 / 6,2	**M8 (5m)**	0,8 / 4,9	6,1 / 37	1179 / 1184	**77,63**	**VR573.1K-E112MUD**	70695	196	371
	1,1 / 6,9	**M8 (5m)**	1,6 / 9,5	6,8 / 42	2098 / 2044	**69,00**	**VR573.1K-E132MUE**	73365	221	
	1,3 / 8,2	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1778 / 1733	**58,36**	**VR573.1K-E132MUE**	74607	221	
	1,5 / 9,3	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	1,8 / 11,3	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	2,1 / 12,8	**M8 (5m)**	1,6 / 9,5	12,6 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	77633	221	
	2,3 / 14,4	**M8 (5m)**	2,6 / 16	14,2 / 87	1647 / 1670	**33,46**	**VR573.1K-E160LUE**	78988	305	
	2,7 / 17,1	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø220	0,6 / 3,6	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	0,7 / 4,1	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	0,8 / 4,9	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	0,8 / 5,2	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	42563	122	
	1,0 / 6,2	**M7 (4m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	47428	122	
	1,1 / 7,1	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2136 / 2079	**70,59**	**VR473.1K-E132MUE**	45795	147	
	1,3 / 8,1	**M7 (4m)**	1,6 / 9,5	7,6 / 47	1875 / 1826	**61,85**	**VR473.1K-E132MUE**	46629	147	
	1,5 / 9,3	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	47357	147	
	1,7 / 10,7	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	47992	147	
	2,0 / 12,2	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	48548	147	
	2,4 / 14,7	**M6 (3m)**	2,6 / 16	13,9 / 85	1682 / 1704	**34,28**	**VR473.1K-E160LUE**	49401	227	
	2,9 / 17,8	**M6 (3m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	49947	227	
	0,9 / 5,7	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUD**	68098	196	371
	1,0 / 6,5	**M8 (5m)**	0,8 / 4,9	6,1 / 37	1179 / 1184	**77,63**	**VR573.1K-E112MUD**	70613	196	
	1,2 / 7,3	**M8 (5m)**	1,6 / 9,5	6,8 / 42	2098 / 2044	**69,00**	**VR573.1K-E132MUE**	73129	221	
	1,4 / 8,6	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1778 / 1733	**58,36**	**VR573.1K-E132MUE**	74441	221	
	1,6 / 9,7	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75837	221	
	1,9 / 11,9	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76519	221	
	2,2 / 13,4	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	77914	305	
	2,5 / 15,1	**M8 (5m)**	2,6 / 16	14,2 / 87	1647 / 1670	**33,46**	**VR573.1K-E160LUE**	78842	305	
	2,9 / 17,9	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø230	0,6 / 3,8	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	0,7 / 4,3	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	0,8 / 5,2	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	41186	122	
	0,9 / 5,5	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	45705	122	

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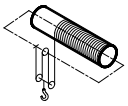

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø230	1,0 / 6,5	**M7 (4m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	47428	122	370
	1,2 / 7,4	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2136 / 2079	**70,59**	**VR473.1K-E132MUE**	45795	147	
	1,4 / 8,5	**M7 (4m)**	1,6 / 9,5	7,6 / 47	1875 / 1826	**61,85**	**VR473.1K-E132MUE**	46629	147	
	1,6 / 9,7	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	47357	147	
	1,8 / 11,1	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	47992	147	
	2,1 / 12,7	**M6 (3m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	50591	147	
	2,5 / 15,4	**M6 (3m)**	2,6 / 16	13,9 / 85	1682 / 1704	**34,28**	**VR473.1K-E160LUE**	49401	227	
	0,8 / 4,9	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	371
	1,0 / 6,0	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUD**	68206	196	
	1,1 / 6,7	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	71363	221	
	1,2 / 7,6	**M8 (5m)**	1,6 / 9,5	6,8 / 42	2098 / 2044	**69,00**	**VR573.1K-E132MUE**	73365	221	
	1,5 / 9,0	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1778 / 1733	**58,36**	**VR573.1K-E132MUE**	74607	221	
	1,7 / 10,2	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	2,0 / 12,4	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	2,3 / 14	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	2,6 / 15,8	**M8 (5m)**	2,6 / 16	14,2 / 87	1647 / 1670	**33,46**	**VR573.1K-E160LUE**	78988	305	
	3,0 / 18,7	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø240	0,6 / 3,9	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	37881	122	370
	0,7 / 4,5	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	39726	122	
	0,9 / 5,4	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	44588	122	
	0,9 / 5,7	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	45705	122	
	1,1 / 6,7	**M7 (4m)**	1,6 / 9,5	5,8 / 36	2445 / 2380	**81,00**	**VR473.1K-E132MUE**	44830	147	
	1,3 / 7,7	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2136 / 2079	**70,59**	**VR473.1K-E132MUE**	45795	147	
	1,4 / 8,8	**M7 (4m)**	1,6 / 9,5	7,6 / 47	1875 / 1826	**61,85**	**VR473.1K-E132MUE**	46629	147	
	1,6 / 10,1	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	47357	147	
	1,9 / 11,6	**M6 (3m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	50156	147	
	2,2 / 13,3	**M6 (3m)**	1,6 / 16	11,4 / 70	1251 / 2059	**41,50**	**VR473.1K-E160LUE**	48720	227	
	2,6 / 16,1	**M6 (3m)**	2,6 / 16	13,9 / 85	1682 / 1704	**34,28**	**VR473.1K-E160LUE**	49401	227	
	0,8 / 5,1	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	371
	1,0 / 6,2	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUD**	68206	196	
	1,1 / 7,0	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	71363	221	
	1,3 / 7,9	**M8 (5m)**	1,6 / 9,5	6,8 / 42	2098 / 2044	**69,00**	**VR573.1K-E132MUE**	73365	221	
	1,5 / 9,4	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1778 / 1733	**58,36**	**VR573.1K-E132MUE**	74607	221	
	1,7 / 10,6	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	2,1 / 12,9	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	2,4 / 14,6	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	2,7 / 16,5	**M8 (5m)**	2,6 / 16	14,2 / 87	1647 / 1670	**33,46**	**VR573.1K-E160LUE**	78988	305	
	3,1 / 19,5	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	

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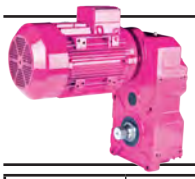

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø300	2,1 / 13	**M7 (4m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160LUE**	97608	405	372
	2,3 / 14,6	**M7 (4m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	105634	405	
	2,7 / 17,1	**M7 (4m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160LUE**	109865	405	
	1,9 / 11,8	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
	2,2 / 13,8	**M8 (5m)**	2,6 / 16	2,3 / 15	9842 / 9808	**200,14**	**VR773.1K-E160LUE**	117394	515	
	2,7 / 16,6	**M8 (5m)**	2,6 / 16	2,8 / 18	8192 / 8171	**166,50**	**VR773.1K-E160LUE**	124799	515	
Ø320	2,2 / 13,8	**M7 (4m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160LUE**	97608	405	372
	2,5 / 15,6	**M7 (4m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	105634	405	
	2,0 / 12,6	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
	2,4 / 14,7	**M8 (5m)**	2,6 / 16	2,3 / 15	9842 / 9808	**200,14**	**VR773.1K-E160LUE**	117394	515	
	2,8 / 17,7	**M8 (5m)**	2,6 / 16	2,8 / 18	8192 / 8171	**166,50**	**VR773.1K-E160LUE**	124799	515	
Ø340	2,4 / 14,7	**M7 (4m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160LUE**	97608	405	372
	2,6 / 16,5	**M7 (4m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	105634	405	
	2,1 / 13,4	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
	2,5 / 15,7	**M8 (5m)**	2,6 / 16	2,3 / 15	9842 / 9808	**200,14**	**VR773.1K-E160LUE**	117394	515	
Ø360	2,5 / 15,6	**M7 (4m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160LUE**	97608	405	372
	2,8 / 17,5	**M6 (3m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	122815	405	
	2,3 / 14,2	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
	2,7 / 16,6	**M8 (5m)**	2,6 / 16	2,3 / 15	9842 / 9808	**200,14**	**VR773.1K-E160LUE**	117394	515	
Ø380	2,6 / 16,4	**M6 (3m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160LUE**	118627	405	372
	2,4 / 15	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
	2,8 / 17,5	**M8 (5m)**	2,6 / 16	2,3 / 15	9842 / 9808	**200,14**	**VR773.1K-E160LUE**	117394	515	
Ø400	2,8 / 17,3	**M6 (3m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160LUE**	118627	405	372
	2,5 / 15,8	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
Ø420	2,7 / 16,6	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
Ø440	2,8 / 17,3	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373

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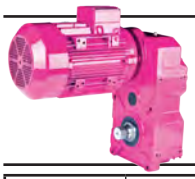
Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	1,2 / 7,6	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	61499	221	371
	1,4 / 8,6	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	67540	221	
	1,6 / 9,8	**M6 (3m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	81163	221	
	1,9 / 11,6	**M6 (3m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	83350	305	
	2,3 / 14,2	**M6 (3m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	83564	305	
	2,6 / 16	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	84562	305	
	2,9 / 18	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	85395	305	
	0,9 / 5,8	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	1,1 / 6,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,2 / 7,7	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	1,5 / 9,2	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	1,7 / 10,3	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	2,0 / 12,2	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
	2,3 / 14,2	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	109816	405	
	2,6 / 16,3	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
Ø280	1,3 / 7,9	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	61499	221	371
	1,5 / 9,0	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	78608	221	
	1,6 / 10,1	**M6 (3m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	81163	221	
	1,9 / 12	**M6 (3m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	83350	305	
	2,4 / 14,7	**M6 (3m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	83564	305	
	2,7 / 16,6	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	84562	305	
	1,0 / 6,0	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	1,1 / 6,8	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,3 / 8,0	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	1,6 / 9,6	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	1,7 / 10,7	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160LUE**	105234	405	
	2,0 / 12,6	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
	2,4 / 14,7	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	109816	405	
	2,7 / 16,9	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
Ø290	1,3 / 8,1	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	371
	1,5 / 9,3	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	78608	221	
	1,7 / 10,5	**M6 (3m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	81163	221	
	2,0 / 12,5	**M6 (3m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	83350	305	
	2,4 / 15,2	**M6 (3m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	83564	305	
	2,8 / 17,2	**M5 (2m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	91714	305	
	1,0 / 6,2	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	1,1 / 7,0	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,3 / 8,2	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	1,6 / 9,9	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	1,8 / 11,1	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160LUE**	105234	405	
	2,1 / 13,1	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
	2,4 / 15,2	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	109816	405	
	2,8 / 17,5	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
Ø300	1,4 / 8,4	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	371
	1,6 / 9,6	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	78608	221	
	1,8 / 10,9	**M6 (3m)**	2,6 / 16	3,7 / 23	6164 / 6222	**126,81**	**VR573.1K-E160LUE**	82470	305	
	2,1 / 12,9	**M6 (3m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	83350	305	
	2,5 / 15,7	**M5 (2m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	91619	305	
	2,9 / 17,8	**M5 (2m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	91714	305	
	1,0 / 6,5	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	1,2 / 7,3	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,4 / 8,5	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	1,7 / 10,2	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø300	1,9 / 11,5	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160LUE**	105234	405	372
	2,2 / 13,5	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
	2,5 / 15,8	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	109816	405	
Ø310	1,4 / 8,7	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	371
	1,6 / 9,9	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	78608	221	
	1,8 / 11,2	**M6 (3m)**	2,6 / 16	3,7 / 23	6164 / 6222	**126,81**	**VR573.1K-E160LUE**	82470	305	
	2,1 / 13,3	**M6 (3m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	83350	305	
	2,6 / 16,3	**M5 (2m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	91619	305	
	1,1 / 6,7	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	1,2 / 7,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,4 / 8,8	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	1,7 / 10,6	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	1,9 / 11,9	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160LUE**	105234	405	
	2,2 / 14	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
	2,6 / 16,3	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	109816	405	
Ø320	1,5 / 9,0	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	73553	221	371
	1,7 / 10,3	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	77671	221	
	1,9 / 11,6	**M6 (3m)**	2,6 / 16	3,7 / 23	6164 / 6222	**126,81**	**VR573.1K-E160LUE**	80435	305	
	2,2 / 13,8	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	91413	305	
	2,7 / 16,8	**M5 (2m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	90761	305	
	1,1 / 6,9	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	1,3 / 7,8	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,5 / 9,1	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	1,8 / 10,9	**M8 (5m)**	2,6 / 16	3,5 / 22	6584 / 6615	**134,51**	**VR673.1K-E160LUE**	101128	405	
	2,0 / 12,3	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160LUE**	105234	405	
	2,3 / 14,4	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
	2,7 / 16,8	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	109816	405	
Ø330	1,5 / 9,3	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	371
	1,7 / 10,6	**M6 (3m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160LUE**	80014	305	
	1,9 / 12	**M6 (3m)**	2,6 / 16	3,7 / 23	6164 / 6222	**126,81**	**VR573.1K-E160LUE**	82470	305	
	2,3 / 14,2	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	92680	305	
	2,8 / 17,3	**M5 (2m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	91619	305	
	1,2 / 7,1	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	1,3 / 8,0	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,5 / 9,4	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	1,8 / 11,3	**M8 (5m)**	2,6 / 16	3,5 / 22	6584 / 6615	**134,51**	**VR673.1K-E160LUE**	101128	405	
	2,1 / 12,6	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160LUE**	105234	405	
	2,4 / 14,9	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
	2,8 / 17,3	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	109816	405	
Ø340	1,5 / 9,5	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	371
	1,8 / 10,9	**M6 (3m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160LUE**	80014	305	
	2,0 / 12,3	**M5 (2m)**	2,6 / 16	3,7 / 23	6164 / 6222	**126,81**	**VR573.1K-E160LUE**	93498	305	
	2,3 / 14,6	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	92680	305	
	2,9 / 17,8	**M5 (2m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	91619	305	
	1,2 / 7,3	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	1,3 / 8,2	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,6 / 9,7	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	1,9 / 11,6	**M8 (5m)**	2,6 / 16	3,5 / 22	6584 / 6615	**134,51**	**VR673.1K-E160LUE**	101128	405	
	2,1 / 13	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160LUE**	105234	405	
	2,5 / 15,3	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
	2,9 / 17,9	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	109816	405	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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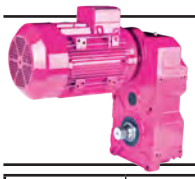
Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	0,5 / 2,8	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	44067	122	370
	0,5 / 3,2	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	45238	122	
	0,6 / 3,8	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	45331	122	
	0,7 / 4,0	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	46400	122	
	0,8 / 4,8	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	47006	122	
	0,9 / 5,5	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	47676	147	
	1,0 / 6,3	**M7 (4m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	48265	147	
	1,2 / 7,2	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	48020	147	
	1,3 / 8,2	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	48565	147	
	1,5 / 9,4	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	48313	147	
	1,8 / 11,4	**M7 (4m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	48808	227	
	2,2 / 13,8	**M6 (3m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	50316	227	
	0,8 / 5,0	**M8 (5m)**	0,8 / 4,9	6,1 / 37	1179 / 1184	**77,63**	**VR573.1K-E112MUD**	70695	196	371
	0,9 / 5,7	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	1,1 / 6,7	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	1,2 / 7,5	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	1,5 / 9,2	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	1,7 / 10,4	**M8 (5m)**	1,6 / 9,5	12,6 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	77633	221	
	1,9 / 11,7	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
	2,2 / 13,8	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø180	0,5 / 3,0	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	44067	122	370
	0,5 / 3,4	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	44393	122	
	0,7 / 4,0	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	45331	122	
	0,7 / 4,3	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	46400	122	
	0,8 / 5,1	**M7 (4m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	47006	122	
	1,0 / 5,9	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	47676	147	
	1,1 / 6,7	**M7 (4m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	48265	147	
	1,2 / 7,6	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	48020	147	
	1,4 / 8,7	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	48565	147	
	1,6 / 10	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	48313	147	
	1,9 / 12,1	**M6 (3m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	50759	227	
	2,3 / 14,6	**M6 (3m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	50316	227	
	0,8 / 4,7	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUD**	68206	196	371
	0,9 / 5,3	**M8 (5m)**	0,8 / 4,9	6,1 / 37	1179 / 1184	**77,63**	**VR573.1K-E112MUD**	70695	196	
	1,0 / 6,0	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	1,2 / 7,1	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	1,3 / 8,0	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	1,6 / 9,7	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	1,8 / 11	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	2,0 / 12,4	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
	2,3 / 14,7	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø190	0,5 / 3,1	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	44067	122	370
	0,6 / 3,6	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	44393	122	
	0,7 / 4,3	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	45331	122	
	0,7 / 4,5	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	46400	122	
	0,9 / 5,3	**M7 (4m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUD**	47006	122	
	1,0 / 6,2	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	47676	147	
	1,1 / 7,1	**M7 (4m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	47395	147	
	1,3 / 8,0	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	48020	147	
	1,5 / 9,2	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	47728	147	
	1,7 / 10,5	**M6 (3m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	50591	147	
	2,0 / 12,8	**M6 (3m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	49854	227	
	2,5 / 15,4	**M6 (3m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	50316	227	
	0,7 / 4,0	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	371
	0,8 / 4,9	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUD**	68206	196	
	0,9 / 5,6	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	71363	221	
	1,0 / 6,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	1,2 / 7,5	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	371
	1,4 / 8,4	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	1,7 / 10,2	**M8 (5m)**	1,6 / 9,5	11,1 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	1,9 / 11,6	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	2,1 / 13,1	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
	2,5 / 15,5	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø200	0,5 / 3,3	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	43107	122	370
	0,6 / 3,7	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	44393	122	
	0,7 / 4,5	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	45331	122	
	0,8 / 4,7	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	45228	122	
	0,9 / 5,6	**M7 (4m)**	1,6 / 9,5	5,8 / 36	2445 / 2380	**81,00**	**VR473.1K-E132MUE**	47006	147	
	1,1 / 6,5	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	47676	147	
	1,2 / 7,4	**M7 (4m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	47395	147	
	1,4 / 8,4	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	48020	147	
	1,6 / 9,7	**M6 (3m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	49917	147	
	1,8 / 11,1	**M6 (3m)**	2,6 / 16	11,4 / 70	2033 / 2059	**41,50**	**VR473.1K-E160LUE**	50379	227	
	2,2 / 13,4	**M6 (3m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	49854	227	
	2,6 / 16,2	**M6 (3m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	50316	227	
	0,5 / 2,8	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	0,5 / 3,2	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	0,6 / 3,6	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	0,7 / 4,2	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	
	0,8 / 5,2	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUD**	68206	196	
	1,0 / 5,9	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	71363	221	
	1,1 / 6,7	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	1,3 / 7,9	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	1,4 / 8,8	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	1,7 / 10,8	**M8 (5m)**	2,6 / 16	11,1 / 69	2092 / 2121	**42,62**	**VR573.1K-E160LUE**	77128	305	
	2,0 / 12,2	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	2,2 / 13,8	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
	2,6 / 16,3	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø210	0,6 / 3,5	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	43107	122	370
	0,6 / 3,9	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	44393	122	
	0,8 / 4,7	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	44091	122	
	0,8 / 5,0	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	45228	122	
	1,0 / 5,9	**M7 (4m)**	1,6 / 9,5	5,8 / 36	2445 / 2380	**81,00**	**VR473.1K-E132MUE**	47006	147	
	1,1 / 6,8	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	46685	147	
	1,3 / 7,8	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	49876	147	
	1,4 / 8,9	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	50346	147	
	1,7 / 10,2	**M6 (3m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	49917	147	
	1,9 / 11,6	**M6 (3m)**	2,6 / 16	11,4 / 70	2033 / 2059	**41,50**	**VR473.1K-E160LUE**	50379	227	
	2,3 / 14,1	**M6 (3m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	49854	227	
	2,7 / 17	**M5 (2m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	51205	227	
	0,5 / 2,9	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	0,5 / 3,3	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	0,6 / 3,8	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	0,7 / 4,5	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	
	0,9 / 5,4	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	68950	221	
	1,0 / 6,2	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	71363	221	
	1,1 / 7,0	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	1,3 / 8,3	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	1,5 / 9,3	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	1,8 / 11,3	**M8 (5m)**	2,6 / 16	11,1 / 69	2092 / 2121	**42,62**	**VR573.1K-E160LUE**	77128	305	
	2,1 / 12,8	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	2,3 / 14,5	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
	2,7 / 17,1	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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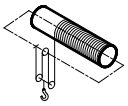

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø220	0,6 / 3,6	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	43107	122	370
	0,7 / 4,1	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	44393	122	
	0,8 / 4,9	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	44091	122	
	0,8 / 5,2	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	45228	122	
	1,0 / 6,2	**M7 (4m)**	1,6 / 9,5	5,8 / 36	2445 / 2380	**81,00**	**VR473.1K-E132MUE**	47006	147	
	1,2 / 7,2	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	49343	147	
	1,3 / 8,2	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	49876	147	
	1,5 / 9,3	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	49389	147	
	1,7 / 10,7	**M6 (3m)**	2,6 / 16	10 / 62	2316 / 2345	**47,37**	**VR473.1K-E160LUE**	49917	227	
	2,0 / 12,2	**M6 (3m)**	2,6 / 16	11,4 / 70	2033 / 2059	**41,50**	**VR473.1K-E160LUE**	50379	227	
	2,4 / 14,8	**M5 (2m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	51856	227	
	0,5 / 3,1	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	48953	196	371
	0,6 / 3,5	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	56668	196	
	0,6 / 3,9	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62171	196	
	0,8 / 4,7	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65714	196	
	0,9 / 5,7	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	68541	221	
	1,0 / 6,5	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	71056	221	
	1,2 / 7,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73056	221	
	1,4 / 8,7	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74373	221	
	1,6 / 9,7	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75837	221	
	1,9 / 11,9	**M8 (5m)**	2,6 / 16	11,1 / 69	2092 / 2121	**42,62**	**VR573.1K-E160LUE**	76886	305	
	2,2 / 13,4	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	77914	305	
	2,4 / 15,2	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78821	305	
Ø230	0,6 / 3,8	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	43107	122	370
	0,7 / 4,3	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	44393	122	
	0,8 / 5,2	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	44091	122	
	0,9 / 5,5	**M7 (4m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	45228	147	
	1,0 / 6,5	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2445 / 2380	**81,00**	**VR473.1K-E132MUE**	49870	147	
	1,2 / 7,5	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	49343	147	
	1,4 / 8,5	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	49876	147	
	1,6 / 9,7	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	49389	147	
	1,8 / 11,1	**M6 (3m)**	2,6 / 16	10 / 62	2316 / 2345	**47,37**	**VR473.1K-E160LUE**	49917	227	
	2,1 / 12,7	**M5 (2m)**	2,6 / 16	11,4 / 70	2033 / 2059	**41,50**	**VR473.1K-E160LUE**	49286	227	
	2,5 / 15,5	**M5 (2m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	51856	227	
	0,5 / 3,2	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	0,6 / 3,7	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	0,7 / 4,1	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	0,8 / 4,9	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	
	1,0 / 6,0	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	68950	221	
	1,1 / 6,7	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	71363	221	
	1,2 / 7,7	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	1,5 / 9,0	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	1,7 / 10,2	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	2,0 / 12,4	**M8 (5m)**	2,6 / 16	11,1 / 69	2092 / 2121	**42,62**	**VR573.1K-E160LUE**	77128	305	
	2,3 / 14	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	2,5 / 15,8	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
Ø240	0,6 / 3,9	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	43107	122	370
	0,7 / 4,5	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	44393	122	
	0,9 / 5,4	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3063 / 2982	**101,48**	**VR473.1K-E132MUE**	44091	147	
	0,9 / 5,7	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	48582	147	
	1,1 / 6,7	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2445 / 2380	**81,00**	**VR473.1K-E132MUE**	48736	147	
	1,3 / 7,8	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	49343	147	
	1,4 / 8,9	**M5 (2m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	49876	147	
	1,6 / 10,1	**M5 (2m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	49389	147	
	1,9 / 11,6	**M5 (2m)**	2,6 / 16	10 / 62	2316 / 2345	**47,37**	**VR473.1K-E160LUE**	49917	227	
	2,2 / 13,3	**M5 (2m)**	2,6 / 16	11,4 / 70	2033 / 2059	**41,50**	**VR473.1K-E160LUE**	51410	227	
	2,6 / 16,1	**M5 (2m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	51856	227	

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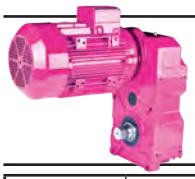

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø240	0,5 / 3,3	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	0,6 / 3,8	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	0,7 / 4,3	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	0,8 / 5,1	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	
	1,0 / 6,2	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	68950	221	
	1,1 / 7,0	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	71363	221	
	1,3 / 8,0	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	1,5 / 9,4	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	1,7 / 10,6	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160LUE**	76590	305	
	2,1 / 12,9	**M8 (5m)**	2,6 / 16	11,1 / 69	2092 / 2121	**42,62**	**VR573.1K-E160LUE**	77128	305	
	2,4 / 14,6	**M8 (5m)**	2,6 / 16	12,6 / 78	1850 / 1876	**37,64**	**VR573.1K-E160LUE**	78101	305	
	2,6 / 16,5	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø320	2,0 / 11,8	**M8 (5m)**	1,6 / 16	2,0 / 13	6987 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
Ø340	2,2 / 13,4	**M8 (5m)**	2,6 / 16	2,0 / 13	11355 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373

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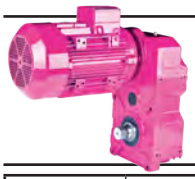
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	1,2 / 7,6	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	371
	1,4 / 8,7	**M6 (3m)**	2,6 / 16	3,3 / 20	7030 / 6995	**143,35**	**VR573.1K-E160LUE**	79943	305	
	1,6 / 9,8	**M5 (2m)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160LUE**	93430	305	
	1,9 / 11,6	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	92680	305	
	2,3 / 14,2	**M5 (2m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	91619	305	
	0,9 / 5,8	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	1,1 / 6,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,2 / 7,7	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	1,5 / 9,2	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	1,7 / 10,4	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	105176	405	
	2,0 / 12,2	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
	2,3 / 14,2	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	109816	405	
Ø280	1,3 / 7,9	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	371
	1,4 / 9,0	**M5 (2m)**	2,6 / 16	3,3 / 20	7030 / 6995	**143,35**	**VR573.1K-E160LUE**	93254	305	
	1,6 / 10,2	**M5 (2m)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160LUE**	93430	305	
	1,9 / 12	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	92680	305	
	1,0 / 6,0	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	1,1 / 6,8	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,3 / 8,0	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	1,5 / 9,6	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	1,7 / 10,8	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	105176	405	
	2,0 / 12,6	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
Ø290	1,0 / 6,2	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	1,1 / 7,0	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,3 / 8,2	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	1,6 / 9,9	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	1,8 / 11,1	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	105176	405	
	2,1 / 13,1	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
Ø300	1,0 / 6,5	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	1,2 / 7,3	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,4 / 8,5	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160LUE**	97121	405	
	1,6 / 10,3	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	1,8 / 11,5	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	105176	405	
	2,2 / 13,5	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
	2,3 / 14,2	**M8 (5m)**	2,6 / 16	4,8 / 30	4817 / 4814	**97,55**	**VR773.1K-E160LUE**	142882	515	373
Ø320	1,1 / 6,9	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	1,3 / 7,8	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,5 / 9,1	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160LUE**	97121	405	
	1,8 / 11	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	2,0 / 12,3	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	105176	405	
	2,1 / 13,2	**M8 (5m)**	2,6 / 16	4,2 / 26	5499 / 5493	**111,53**	**VR773.1K-E160LUE**	139869	515	373
Ø340	1,2 / 7,3	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	1,3 / 8,2	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,6 / 9,7	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160LUE**	97121	405	
	1,9 / 11,6	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	2,1 / 13,1	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	105176	405	
	2,2 / 14	**M8 (5m)**	2,6 / 16	4,2 / 26	5499 / 5493	**111,53**	**VR773.1K-E160LUE**	139869	515	373

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø360	1,3 / 7,8	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	1,4 / 8,7	**M8 (5m)**	2,6 / 16	2,5 / 15	9248 / 9287	**189,61**	**VR673.1K-E160LUE**	90839	405	
	1,7 / 10,2	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160LUE**	97121	405	
	2,0 / 12,3	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	2,2 / 13,8	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	105176	405	
	2,1 / 12,9	**M8 (5m)**	2,6 / 16	3,6 / 23	6340 / 6330	**128,81**	**VR773.1K-E160LUE**	136311	515	373
Ø380	1,3 / 8,2	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	1,5 / 9,2	**M8 (5m)**	2,6 / 16	2,5 / 15	9248 / 9287	**189,61**	**VR673.1K-E160LUE**	90839	405	
	1,8 / 10,8	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160LUE**	97121	405	
	2,1 / 13	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	2,2 / 13,6	**M8 (5m)**	2,6 / 16	3,6 / 23	6340 / 6330	**128,81**	**VR773.1K-E160LUE**	136311	515	373

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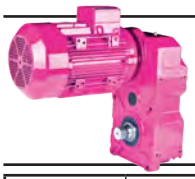

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	0,5 / 2,8	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	42061	122	370
	0,5 / 3,2	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	43489	122	
	0,6 / 3,8	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	44588	122	
	0,7 / 4,0	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUD**	45705	122	
	0,8 / 4,8	**M7 (4m)**	1,6 / 9,5	5,9 / 36	2419 / 2359	**81,00**	**VR473.1K-E132MUE**	44842	147	
	0,9 / 5,5	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	48434	147	
	1,0 / 6,3	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	49088	147	
	1,2 / 7,2	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	49658	147	
	1,3 / 8,2	**M6 (3m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	50156	147	
	1,5 / 9,4	**M6 (3m)**	2,6 / 16	11,3 / 71	2055 / 2052	**41,50**	**VR473.1K-E160LUE**	48726	227	
	1,8 / 11,4	**M5 (2m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	51455	227	
	2,2 / 13,8	**M5 (2m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160LUE**	51886	227	
	0,4 / 2,4	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	0,4 / 2,7	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	0,5 / 3,1	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	0,6 / 3,6	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	
	0,7 / 4,4	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	0,8 / 5,0	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	0,9 / 5,7	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	1,1 / 6,7	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	1,2 / 7,5	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	1,5 / 9,2	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	77102	305	
	1,7 / 10,4	**M8 (5m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160LUE**	78077	305	
	1,9 / 11,7	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
	2,2 / 13,8	**M8 (5m)**	2,6 / 16	16,6 / 104	1410 / 1411	**28,30**	**VR573.1K-E160LUE**	78834	305	
Ø180	0,5 / 3,0	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	42061	122	370
	0,5 / 3,4	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	43489	122	
	0,7 / 4,0	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUD**	44588	122	
	0,7 / 4,3	**M7 (4m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	42589	147	
	0,8 / 5,1	**M6 (3m)**	1,6 / 9,5	5,9 / 36	2419 / 2359	**81,00**	**VR473.1K-E132MUE**	47679	147	
	1,0 / 5,9	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	48434	147	
	1,1 / 6,7	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	49088	147	
	1,2 / 7,6	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	49658	147	
	1,4 / 8,7	**M6 (3m)**	2,6 / 16	10 / 62	2316 / 2345	**47,37**	**VR473.1K-E160LUE**	48011	227	
	1,6 / 10	**M6 (3m)**	2,6 / 16	11,3 / 71	2055 / 2052	**41,50**	**VR473.1K-E160LUE**	48726	227	
	1,9 / 12,1	**M5 (2m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	51455	227	
	0,4 / 2,5	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	0,5 / 2,9	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	0,5 / 3,2	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	0,6 / 3,8	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	
	0,8 / 4,7	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	0,9 / 5,3	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	1,0 / 6,0	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	1,2 / 7,1	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	1,3 / 8,0	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	1,6 / 9,7	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	77102	305	
	1,8 / 11	**M8 (5m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160LUE**	78077	305	
	2,0 / 12,4	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
Ø190	0,5 / 3,1	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUD**	42061	122	370
	0,6 / 3,6	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUD**	43489	122	
	0,7 / 4,3	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3063 / 2982	**101,48**	**VR473.1K-E132MUE**	44909	147	
	0,7 / 4,5	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	45920	147	
	0,9 / 5,4	**M6 (3m)**	1,6 / 9,5	5,9 / 36	2419 / 2359	**81,00**	**VR473.1K-E132MUE**	47679	147	
	1,0 / 6,2	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	48434	147	
	1,1 / 7,1	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1855 / 1810	**61,85**	**VR473.1K-E132MUE**	49088	147	
	1,3 / 8,0	**M5 (2m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	52119	147	
	1,5 / 9,2	**M5 (2m)**	2,6 / 16	10 / 62	2316 / 2345	**47,37**	**VR473.1K-E160LUE**	50325	227	
	1,7 / 10,5	**M5 (2m)**	2,6 / 16	11,3 / 71	2055 / 2052	**41,50**	**VR473.1K-E160LUE**	50903	227	
	2,0 / 12,8	**M5 (2m)**	2,6 / 16	13,7 / 86	1700 / 1698	**34,28**	**VR473.1K-E160LUE**	51455	227	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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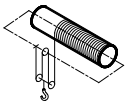

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	0,4 / 2,6	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	0,5 / 3,0	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	0,6 / 3,4	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	0,7 / 4,0	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	
	0,8 / 5,0	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	0,9 / 5,6	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	1,0 / 6,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	1,2 / 7,5	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	1,4 / 8,4	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160LUE**	76590	305	
	1,6 / 10,3	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	77102	305	
	1,9 / 11,6	**M8 (5m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160LUE**	78077	305	
	2,1 / 13,1	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
Ø200	0,5 / 2,8	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	0,5 / 3,2	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	0,6 / 3,6	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	0,7 / 4,2	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUD**	65881	196	
	0,8 / 5,2	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	1,0 / 5,9	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	1,1 / 6,7	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	1,3 / 7,9	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	1,4 / 8,8	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160LUE**	76590	305	
	1,7 / 10,8	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	77102	305	
	2,0 / 12,2	**M8 (5m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160LUE**	78077	305	
	2,2 / 13,8	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160LUE**	78966	305	
Ø210	0,5 / 2,9	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	0,5 / 3,3	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	0,6 / 3,8	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	0,7 / 4,5	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3247 / 3158	**107,18**	**VR573.1K-E132MUE**	66759	221	
	0,9 / 5,5	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	1,0 / 6,2	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	1,1 / 7,0	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	1,3 / 8,3	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	1,5 / 9,3	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160LUE**	76590	305	
	1,8 / 11,4	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	77102	305	
	2,1 / 12,9	**M8 (5m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160LUE**	78077	305	
Ø220	0,5 / 3,1	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	48953	196	371
	0,6 / 3,5	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	56668	196	
	0,6 / 3,9	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62171	196	
	0,8 / 4,7	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3247 / 3158	**107,18**	**VR573.1K-E132MUE**	66129	221	
	0,9 / 5,7	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68456	221	
	1,1 / 6,5	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	70977	221	
	1,2 / 7,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73056	221	
	1,4 / 8,7	**M8 (5m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160LUE**	74761	305	
	1,6 / 9,7	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160LUE**	76227	305	
	1,9 / 11,9	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	76862	305	
	2,2 / 13,5	**M7 (4m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160LUE**	81960	305	
Ø230	0,5 / 3,2	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	0,6 / 3,7	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	0,7 / 4,1	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUD**	62417	196	
	0,8 / 4,9	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3247 / 3158	**107,18**	**VR573.1K-E132MUE**	66759	221	
	1,0 / 6,0	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	1,1 / 6,8	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	1,2 / 7,7	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	1,5 / 9,0	**M8 (5m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160LUE**	75227	305	
	1,7 / 10,2	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160LUE**	76590	305	
	2,0 / 12,4	**M7 (4m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	81436	305	
	2,3 / 14,1	**M7 (4m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160LUE**	82136	305	

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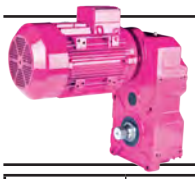

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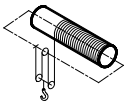

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø240	0,5 / 3,3	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	0,6 / 3,8	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUD**	57013	196	
	0,7 / 4,3	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3834 / 3726	**126,81**	**VR573.1K-E132MUE**	63417	221	
	0,8 / 5,1	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3247 / 3158	**107,18**	**VR573.1K-E132MUE**	66759	221	
	1,0 / 6,3	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	1,2 / 7,1	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	1,3 / 8,0	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	1,5 / 9,4	**M8 (5m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160LUE**	75227	305	
	1,7 / 10,6	**M7 (4m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160LUE**	81271	305	
	2,1 / 13	**M7 (4m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160LUE**	81436	305	

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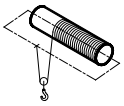

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø280	1,0 / 6,0	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	1,1 / 6,8	**M8 (5m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	90757	405	
	1,3 / 8,0	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160LUE**	97049	405	
	1,5 / 9,6	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	1,7 / 10,8	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	104020	405	
Ø300	1,0 / 6,5	**M8 (5m)**	2,6 / 9,5	2,2 / 14	10377 / 6186	**213,15**	**VR673.1K-E132MUE**	80308	323	372
	1,2 / 7,3	**M8 (5m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	90757	405	
	1,4 / 8,6	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160LUE**	97049	405	
	1,6 / 10,3	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	1,7 / 10,7	**M8 (5m)**	2,6 / 16	3,6 / 23	6340 / 6330	**128,81**	**VR773.1K-E160LUE**	136311	515	373
Ø320	1,1 / 6,9	**M8 (5m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160LUE**	80308	405	372
	1,2 / 7,8	**M8 (5m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	90757	405	
	1,5 / 9,1	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160LUE**	97049	405	
	1,6 / 9,9	**M8 (5m)**	2,6 / 16	3,2 / 20	7338 / 7322	**148,95**	**VR773.1K-E160LUE**	131766	515	373
Ø340	1,2 / 7,3	**M8 (5m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160LUE**	80308	405	372
	1,3 / 8,3	**M8 (5m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	105634	405	
	1,6 / 9,7	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160LUE**	109865	405	
	1,7 / 10,5	**M8 (5m)**	2,6 / 16	3,2 / 20	7338 / 7322	**148,95**	**VR773.1K-E160LUE**	131766	515	373
Ø360	1,3 / 7,8	**M8 (5m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160LUE**	97718	405	372
	1,4 / 8,7	**M7 (4m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	105634	405	
	1,6 / 10,3	**M7 (4m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160LUE**	109865	405	
	1,6 / 10	**M8 (5m)**	2,6 / 16	2,8 / 18	8192 / 8171	**166,50**	**VR773.1K-E160LUE**	124799	515	373
	1,8 / 11,1	**M8 (5m)**	2,6 / 16	3,2 / 20	7338 / 7322	**148,95**	**VR773.1K-E160LUE**	131766	515	
Ø380	1,3 / 8,2	**M7 (4m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160LUE**	97718	405	372
	1,5 / 9,2	**M7 (4m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	105634	405	
	1,2 / 7,5	**M8 (5m)**	2,6 / 16	2,0 / 13	11355 / 11468	**233,77**	**VR773.1K-E160LUE**	105413	515	373
	1,4 / 8,7	**M8 (5m)**	2,6 / 16	2,4 / 15	9738 / 9842	**200,14**	**VR773.1K-E160LUE**	117498	515	
	1,7 / 10,5	**M8 (5m)**	2,6 / 16	2,8 / 18	8192 / 8171	**166,50**	**VR773.1K-E160LUE**	124799	515	
Ø400	1,4 / 8,6	**M7 (4m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160LUE**	97718	405	372
	1,6 / 9,7	**M7 (4m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	105634	405	
	1,3 / 7,9	**M8 (5m)**	2,6 / 16	2,0 / 13	11355 / 11468	**233,77**	**VR773.1K-E160LUE**	105413	515	373
	1,5 / 9,2	**M8 (5m)**	2,6 / 16	2,4 / 15	9738 / 9842	**200,14**	**VR773.1K-E160LUE**	117498	515	
	1,8 / 11,1	**M8 (5m)**	2,6 / 16	2,8 / 18	8192 / 8171	**166,50**	**VR773.1K-E160LUE**	124799	515	
Ø420	1,5 / 9,0	**M7 (4m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160LUE**	97718	405	372
	1,6 / 10,2	**M7 (4m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	122815	405	
	1,3 / 8,3	**M8 (5m)**	2,6 / 16	2,0 / 13	11355 / 11468	**233,77**	**VR773.1K-E160LUE**	105413	515	373
	1,6 / 9,6	**M8 (5m)**	2,6 / 16	2,4 / 15	9738 / 9842	**200,14**	**VR773.1K-E160LUE**	117498	515	

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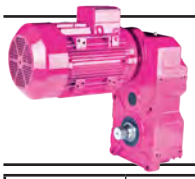

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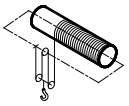

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø230	0,5 / 3,2	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUD**	49475	196	371
	0,6 / 3,7	**M8 (5m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	0,7 / 4,2	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	63302	221	
	0,8 / 4,9	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66656	221	
	1,0 / 6,0	**M7 (4m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	75460	221	
	1,1 / 6,8	**M7 (4m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	78121	305	
	1,2 / 7,7	**M7 (4m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	79549	305	
	1,5 / 9,1	**M7 (4m)**	2,6 / 16	8,1 / 50	2889 / 2884	**58,36**	**VR573.1K-E160LUE**	80241	305	
	1,6 / 10,2	**M7 (4m)**	2,6 / 16	9,0 / 56	2576 / 2573	**51,97**	**VR573.1K-E160LUE**	81241	305	
	0,8 / 5,2	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	372
	1,0 / 6,0	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2653 / 2572	**87,77**	**VR673.1K-E132MUE**	108937	323	
	1,1 / 7,0	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
	1,3 / 8,0	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	
	1,4 / 9,1	**M8 (5m)**	2,6 / 16	8,0 / 50	2921 / 2895	**58,54**	**VR673.1K-E160LUE**	114716	405	
Ø240	0,5 / 3,3	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4932 / 4790	**163,77**	**VR573.1K-E132MUE**	50607	221	371
	0,6 / 3,8	**M8 (5m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	0,7 / 4,3	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	63302	221	
	0,8 / 5,1	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66656	221	
	1,0 / 6,3	**M7 (4m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	75460	221	
	1,1 / 7,1	**M7 (4m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	78121	305	
	1,3 / 8,0	**M7 (4m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	79549	305	
	1,5 / 9,5	**M7 (4m)**	2,6 / 16	8,1 / 50	2889 / 2884	**58,36**	**VR573.1K-E160LUE**	80241	305	
	1,7 / 10,6	**M6 (3m)**	2,6 / 16	9,0 / 56	2576 / 2573	**51,97**	**VR573.1K-E160LUE**	86154	305	
	0,9 / 5,4	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	372
	1,0 / 6,3	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2653 / 2572	**87,77**	**VR673.1K-E132MUE**	108937	323	
	1,2 / 7,3	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
	1,3 / 8,3	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	
	1,5 / 9,4	**M8 (5m)**	2,6 / 16	8,0 / 50	2921 / 2895	**58,54**	**VR673.1K-E160LUE**	114716	405	
Ø250	0,6 / 3,5	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4932 / 4790	**163,77**	**VR573.1K-E132MUE**	50607	221	371
	0,7 / 4,0	**M8 (5m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	0,7 / 4,5	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	63302	221	
	0,9 / 5,4	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	74078	221	
	1,1 / 6,5	**M7 (4m)**	2,6 / 16	5,4 / 33	4286 / 4332	**87,90**	**VR573.1K-E160LUE**	76433	305	
	1,2 / 7,4	**M7 (4m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	78121	305	
	1,3 / 8,3	**M7 (4m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	79549	305	
	1,6 / 9,9	**M6 (3m)**	2,6 / 16	8,1 / 50	2889 / 2884	**58,36**	**VR573.1K-E160LUE**	85566	305	
	0,8 / 4,8	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	372
	0,9 / 5,6	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	
	1,1 / 6,5	**M8 (5m)**	2,6 / 16	5,4 / 33	4312 / 4332	**87,77**	**VR673.1K-E160LUE**	109863	405	
	1,2 / 7,6	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
	1,4 / 8,7	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	
	1,6 / 9,8	**M8 (5m)**	2,6 / 16	8,0 / 50	2921 / 2895	**58,54**	**VR673.1K-E160LUE**	114716	405	
Ø260	0,6 / 3,6	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4932 / 4790	**163,77**	**VR573.1K-E132MUE**	50607	221	371
	0,7 / 4,2	**M8 (5m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	0,8 / 4,7	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	71717	221	
	0,9 / 5,6	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	74078	221	
	1,1 / 6,8	**M7 (4m)**	2,6 / 16	5,4 / 33	4286 / 4332	**87,90**	**VR573.1K-E160LUE**	76433	305	
	1,2 / 7,7	**M7 (4m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	78121	305	
	1,4 / 8,7	**M7 (4m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	79549	305	
	1,6 / 10,3	**M6 (3m)**	2,6 / 16	8,1 / 50	2889 / 2884	**58,36**	**VR573.1K-E160LUE**	85566	305	
	0,8 / 5,0	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	372
	0,9 / 5,8	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	
	1,1 / 6,8	**M8 (5m)**	2,6 / 16	5,4 / 33	4312 / 4332	**87,77**	**VR673.1K-E160LUE**	109863	405	

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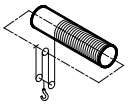

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø260	1,3 / 7,9	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	372
	1,4 / 9,0	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	
	1,6 / 10,2	**M8 (5m)**	2,6 / 16	8,0 / 50	2921 / 2895	**58,54**	**VR673.1K-E160LUE**	114716	405	
Ø270	0,6 / 3,8	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4932 / 4790	**163,77**	**VR573.1K-E132MUE**	50607	221	371
	0,7 / 4,3	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	67540	221	
	0,8 / 4,9	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	71717	221	
	0,9 / 5,8	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	74078	221	
	1,1 / 7,1	**M7 (4m)**	2,6 / 16	5,4 / 33	4286 / 4332	**87,90**	**VR573.1K-E160LUE**	76433	305	
	1,3 / 8,0	**M7 (4m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	78121	305	
	1,4 / 9,0	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	85395	305	
	1,7 / 10,7	**M6 (3m)**	2,6 / 16	8,1 / 50	2889 / 2884	**58,36**	**VR573.1K-E160LUE**	85566	305	
	0,6 / 3,8	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4915 / 4754	**161,66**	**VR673.1K-E132MUE**	95759	323	372
	0,7 / 4,6	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	0,8 / 5,2	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	1,0 / 6,1	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	
	1,1 / 7,1	**M8 (5m)**	2,6 / 16	5,4 / 33	4312 / 4332	**87,77**	**VR673.1K-E160LUE**	109863	405	
	1,3 / 8,2	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
	1,5 / 9,3	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	
	1,7 / 10,6	**M8 (5m)**	2,6 / 16	8,0 / 50	2921 / 2895	**58,54**	**VR673.1K-E160LUE**	114716	405	
Ø280	0,6 / 3,9	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4932 / 4790	**163,77**	**VR573.1K-E132MUE**	60054	221	371
	0,7 / 4,5	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	66441	221	
	0,8 / 5,1	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	70911	221	
	1,0 / 6,0	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	73522	221	
	1,2 / 7,3	**M7 (4m)**	2,6 / 16	5,4 / 33	4286 / 4332	**87,90**	**VR573.1K-E160LUE**	75389	305	
	1,3 / 8,3	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	83835	305	
	1,5 / 9,3	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	84828	305	
	0,5 / 3,4	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5751 / 5562	**189,61**	**VR673.1K-E132MUE**	89335	323	372
	0,6 / 3,9	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4915 / 4754	**161,66**	**VR673.1K-E132MUE**	95759	323	
	0,8 / 4,8	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	0,9 / 5,4	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	1,0 / 6,3	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	
	1,2 / 7,3	**M8 (5m)**	2,6 / 16	5,4 / 33	4312 / 4332	**87,77**	**VR673.1K-E160LUE**	109863	405	
	1,4 / 8,5	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
	1,6 / 9,7	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	
	1,8 / 11	**M8 (5m)**	2,6 / 16	8,0 / 50	2921 / 2895	**58,54**	**VR673.1K-E160LUE**	114716	405	
Ø290	0,7 / 4,0	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4932 / 4790	**163,77**	**VR573.1K-E132MUE**	61671	221	371
	0,8 / 4,6	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	67540	221	
	0,9 / 5,3	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	71717	221	
	1,0 / 6,2	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	74078	221	
	1,2 / 7,6	**M6 (3m)**	2,6 / 16	5,4 / 33	4286 / 4332	**87,90**	**VR573.1K-E160LUE**	83610	305	
	1,4 / 8,6	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	84562	305	
	1,6 / 9,7	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	85395	305	
	0,5 / 3,1	**M8 (5m)**	0,8 / 4,9	2,2 / 14	3227 / 3218	**213,15**	**VR673.1K-E112MUD**	77311	298	372
	0,6 / 3,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5751 / 5562	**189,61**	**VR673.1K-E132MUE**	89335	323	
	0,7 / 4,1	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4915 / 4754	**161,66**	**VR673.1K-E132MUE**	95759	323	
	0,8 / 5,0	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	0,9 / 5,6	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	1,1 / 6,5	**M8 (5m)**	2,6 / 16	4,7 / 29	5005 / 5028	**102,10**	**VR673.1K-E160LUE**	107742	405	
	1,2 / 7,6	**M8 (5m)**	2,6 / 16	5,4 / 33	4312 / 4332	**87,77**	**VR673.1K-E160LUE**	109863	405	
	1,4 / 8,8	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
	1,6 / 10	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	
Ø300	0,7 / 4,2	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4932 / 4790	**163,77**	**VR573.1K-E132MUE**	61671	221	371
	0,8 / 4,8	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	67540	221	

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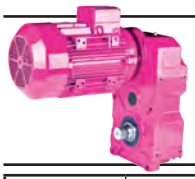

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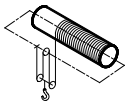

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø300	0,9 / 5,4	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	71717	221	371
	1,0 / 6,4	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	74078	221	
	1,3 / 7,8	**M6 (3m)**	2,6 / 16	5,4 / 33	4286 / 4332	**87,90**	**VR573.1K-E160LUE**	83610	305	
	1,4 / 8,9	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	84562	305	
	1,6 / 10	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160LUE**	85395	305	
	0,5 / 3,2	**M8 (5m)**	0,8 / 4,9	2,2 / 14	3227 / 3218	**213,15**	**VR673.1K-E112MUD**	77311	298	372
	0,6 / 3,6	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5751 / 5562	**189,61**	**VR673.1K-E132MUE**	89335	323	
	0,7 / 4,2	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4915 / 4754	**161,66**	**VR673.1K-E132MUE**	95759	323	
	0,8 / 5,1	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	0,9 / 5,7	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	1,1 / 6,7	**M8 (5m)**	2,6 / 16	4,7 / 29	5005 / 5028	**102,10**	**VR673.1K-E160LUE**	107742	405	
	1,3 / 7,8	**M8 (5m)**	2,6 / 16	5,4 / 33	4312 / 4332	**87,77**	**VR673.1K-E160LUE**	109863	405	
	1,5 / 9,1	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
	1,7 / 10,4	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160LUE**	113286	405	

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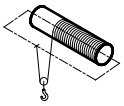

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø300	1,0 / 6,5	**M7 (4m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160LUE**	97608	405	372
	1,2 / 7,3	**M7 (4m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	105634	405	
	1,4 / 8,6	**M7 (4m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160LUE**	109865	405	
	0,9 / 5,9	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
	1,1 / 6,9	**M8 (5m)**	2,6 / 16	2,3 / 15	9842 / 9808	**200,14**	**VR773.1K-E160LUE**	117394	515	
	1,3 / 8,3	**M8 (5m)**	2,6 / 16	2,8 / 18	8192 / 8171	**166,50**	**VR773.1K-E160LUE**	124799	515	
Ø320	1,1 / 6,9	**M7 (4m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160LUE**	97608	405	372
	1,2 / 7,8	**M7 (4m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	105634	405	
	1,0 / 6,3	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
	1,2 / 7,4	**M8 (5m)**	2,6 / 16	2,3 / 15	9842 / 9808	**200,14**	**VR773.1K-E160LUE**	117394	515	
	1,4 / 8,9	**M8 (5m)**	2,6 / 16	2,8 / 18	8192 / 8171	**166,50**	**VR773.1K-E160LUE**	124799	515	
Ø340	1,2 / 7,4	**M7 (4m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160LUE**	97608	405	372
	1,3 / 8,3	**M7 (4m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	105634	405	
	1,1 / 6,7	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
	1,3 / 7,8	**M8 (5m)**	2,6 / 16	2,3 / 15	9842 / 9808	**200,14**	**VR773.1K-E160LUE**	117394	515	
Ø360	1,2 / 7,8	**M6 (3m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160LUE**	118627	405	372
	1,4 / 8,7	**M6 (3m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	122815	405	
	1,1 / 7,1	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
	1,3 / 8,3	**M8 (5m)**	2,6 / 16	2,3 / 15	9842 / 9808	**200,14**	**VR773.1K-E160LUE**	117394	515	
Ø380	1,3 / 8,2	**M6 (3m)**	0,8 / 16	2,2 / 14	3227 / 10384	**213,15**	**VR673.1K-E160LUE**	118627	405	372
	1,2 / 7,5	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
	1,4 / 8,7	**M8 (5m)**	2,6 / 16	2,3 / 15	9842 / 9808	**200,14**	**VR773.1K-E160LUE**	117394	515	
Ø400	1,4 / 8,6	**M6 (3m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160LUE**	118627	405	372
	1,3 / 7,9	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
Ø420	1,3 / 8,3	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
Ø440	1,4 / 8,7	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373

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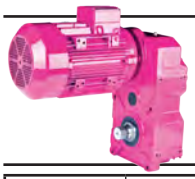

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	0,6 / 3,8	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	61499	221	371
	0,7 / 4,3	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	78608	221	
	0,8 / 4,9	**M6 (3m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	81163	221	
	0,9 / 5,8	**M6 (3m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	83350	305	
	1,1 / 7,1	**M6 (3m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	83564	305	
	1,3 / 8,0	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	84562	305	
	0,5 / 2,9	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	0,5 / 3,3	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	0,6 / 3,8	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	0,7 / 4,6	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	0,8 / 5,2	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	1,0 / 6,1	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
	1,1 / 7,1	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	109816	405	
	1,3 / 8,2	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
Ø280	0,6 / 3,9	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	61499	221	371
	0,7 / 4,5	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	78608	221	
	0,8 / 5,1	**M6 (3m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	81163	221	
	1,0 / 6,0	**M6 (3m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	83350	305	
	1,2 / 7,3	**M6 (3m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	83564	305	
	1,3 / 8,3	**M5 (2m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	91714	305	
	0,5 / 3,0	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	0,6 / 3,4	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	0,6 / 4,0	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	0,8 / 4,8	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	0,9 / 5,4	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160LUE**	105234	405	
	1,0 / 6,3	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
	1,2 / 7,4	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	109816	405	
	1,4 / 8,5	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
Ø290	0,7 / 4,1	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	371
	0,8 / 4,6	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	78608	221	
	0,9 / 5,3	**M6 (3m)**	2,6 / 16	3,7 / 23	6164 / 6222	**126,81**	**VR573.1K-E160LUE**	82470	305	
	1,0 / 6,2	**M6 (3m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	83350	305	
	1,2 / 7,6	**M5 (2m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	91619	305	
	1,4 / 8,6	**M5 (2m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160LUE**	91714	305	
	0,5 / 3,1	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	0,6 / 3,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	0,7 / 4,1	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	0,8 / 5,0	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	0,9 / 5,6	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160LUE**	105234	405	
	1,0 / 6,5	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
	1,2 / 7,6	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	109816	405	
	1,4 / 8,8	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160LUE**	111665	405	
Ø300	0,7 / 4,2	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	371
	0,8 / 4,8	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	78608	221	
	0,9 / 5,4	**M6 (3m)**	2,6 / 16	3,7 / 23	6164 / 6222	**126,81**	**VR573.1K-E160LUE**	82470	305	
	1,0 / 6,4	**M6 (3m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	83350	305	
	1,3 / 7,9	**M5 (2m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	91619	305	
	0,5 / 3,2	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	89277	323	372
	0,6 / 3,6	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	98044	323	
	0,7 / 4,3	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	102235	323	
	0,8 / 5,1	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	105846	323	
	0,9 / 5,7	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160LUE**	108469	405	
	1,1 / 6,8	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	109652	405	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø300	1,3 / 7,9	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	111926	405	372
Ø310	0,7 / 4,3	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**58,36**	**VR573.1K-E132MUE**	74843	221	371
	0,8 / 5,0	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**51,97**	**VR573.1K-E132MUE**	78608	221	
	0,9 / 5,6	**M6 (3m)**	2,6 / 16	3,7 / 23	6164 / 6222	**42,62**	**VR573.1K-E160LUE**	82470	305	
	1,1 / 6,7	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**37,64**	**VR573.1K-E160LUE**	92680	305	
	1,3 / 8,1	**M5 (2m)**	2,6 / 16	5,3 / 33	4331 / 4317	**33,46**	**VR573.1K-E160LUE**	91619	305	
	0,5 / 3,3	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	89277	323	372
	0,6 / 3,8	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	98044	323	
	0,7 / 4,4	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	102235	323	
	0,9 / 5,3	**M8 (5m)**	2,6 / 16	3,5 / 22	6584 / 6615	**134,51**	**VR673.1K-E160LUE**	104756	405	
	1,0 / 5,9	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160LUE**	108469	405	
	1,1 / 7,0	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	109652	405	
	1,3 / 8,1	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	111926	405	
Ø320	0,7 / 4,5	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	73553	221	371
	0,8 / 5,1	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	77671	221	
	0,9 / 5,8	**M6 (3m)**	2,6 / 16	3,7 / 23	6164 / 6222	**126,81**	**VR573.1K-E160LUE**	80435	305	
	1,1 / 6,9	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	91413	305	
	1,3 / 8,4	**M5 (2m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	90761	305	
	0,6 / 3,4	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	89277	323	372
	0,6 / 3,9	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	96820	323	
	0,7 / 4,5	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	102235	323	
	0,9 / 5,5	**M8 (5m)**	2,6 / 16	3,5 / 22	6584 / 6615	**134,51**	**VR673.1K-E160LUE**	104756	405	
	1,0 / 6,1	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160LUE**	108469	405	
	1,2 / 7,2	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	109652	405	
	1,3 / 8,4	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	111926	405	
Ø330	0,8 / 4,6	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	371
	0,9 / 5,3	**M6 (3m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160LUE**	80014	305	
	1,0 / 6,0	**M5 (2m)**	2,6 / 16	3,7 / 23	6164 / 6222	**126,81**	**VR573.1K-E160LUE**	93498	305	
	1,1 / 7,1	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	92680	305	
	1,4 / 8,6	**M5 (2m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160LUE**	91619	305	
	0,6 / 3,6	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	89277	323	372
	0,6 / 4,0	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	96820	323	
	0,8 / 4,7	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	102235	323	
	0,9 / 5,6	**M8 (5m)**	2,6 / 16	3,5 / 22	6584 / 6615	**134,51**	**VR673.1K-E160LUE**	104756	405	
	1,0 / 6,3	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160LUE**	108469	405	
	1,2 / 7,4	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	109652	405	
	1,4 / 8,7	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160LUE**	111926	405	
Ø340	0,8 / 4,8	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	371
	0,9 / 5,4	**M5 (2m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160LUE**	93337	305	
	1,0 / 6,2	**M5 (2m)**	2,6 / 16	3,7 / 23	6164 / 6222	**126,81**	**VR573.1K-E160LUE**	93498	305	
	1,2 / 7,3	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160LUE**	92680	305	
	0,6 / 3,7	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	89277	323	372
	0,7 / 4,1	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	96820	323	
	0,8 / 4,8	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	102235	323	
	0,9 / 5,8	**M8 (5m)**	2,6 / 16	3,5 / 22	6584 / 6615	**134,51**	**VR673.1K-E160LUE**	104756	405	
	1,1 / 6,5	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160LUE**	108469	405	
	1,2 / 7,7	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	109652	405	

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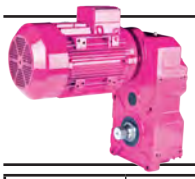
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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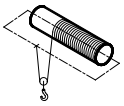

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø320	1,0 / 6,3	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
Ø340	1,1 / 6,7	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
Ø360	1,1 / 7,1	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373

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**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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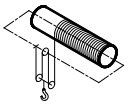

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	0,5 / 2,9	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	0,5 / 3,3	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	0,6 / 3,8	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	0,7 / 4,6	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	0,8 / 5,2	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	105176	405	
	1,0 / 6,1	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
Ø280	0,5 / 3,0	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	0,6 / 3,4	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	0,6 / 4,0	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	0,8 / 4,8	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	0,9 / 5,4	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	105176	405	
	1,0 / 6,3	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
	1,1 / 6,6	**M8 (5m)**	2,6 / 16	4,8 / 30	4817 / 4814	**97,55**	**VR773.1K-E160LUE**	142882	515	373
Ø290	0,5 / 3,1	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	0,6 / 3,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	0,7 / 4,1	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	0,8 / 5,0	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	0,9 / 5,6	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	105176	405	
	1,0 / 6,5	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
	1,1 / 6,8	**M8 (5m)**	2,6 / 16	4,8 / 30	4817 / 4814	**97,55**	**VR773.1K-E160LUE**	142882	515	373
Ø300	0,5 / 3,2	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	0,6 / 3,6	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	0,7 / 4,3	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160LUE**	97121	405	
	0,8 / 5,1	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	0,9 / 5,8	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	105176	405	
	1,1 / 6,8	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160LUE**	107690	405	
Ø320	0,6 / 3,4	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	0,6 / 3,9	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	0,7 / 4,5	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160LUE**	97121	405	
	0,9 / 5,5	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	1,0 / 6,2	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	105176	405	
	1,1 / 6,6	**M8 (5m)**	2,6 / 16	4,2 / 26	5499 / 5493	**111,53**	**VR773.1K-E160LUE**	139869	515	373
Ø340	0,6 / 3,7	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	0,7 / 4,1	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	0,8 / 4,8	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160LUE**	97121	405	
	0,9 / 5,8	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	1,0 / 6,5	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	105176	405	
	1,1 / 7	**M8 (5m)**	2,6 / 16	4,2 / 26	5499 / 5493	**111,53**	**VR773.1K-E160LUE**	139869	515	373
Ø360	0,6 / 3,9	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	0,7 / 4,4	**M8 (5m)**	2,6 / 16	2,5 / 15	9248 / 9287	**189,61**	**VR673.1K-E160LUE**	90839	405	
	0,8 / 5,1	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160LUE**	97121	405	
	1,0 / 6,2	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	1,1 / 6,9	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	105176	405	

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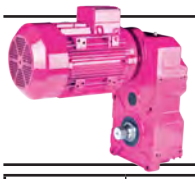

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø380	0,7 / 4,1	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	372
	0,7 / 4,6	**M8 (5m)**	2,6 / 16	2,5 / 15	9248 / 9287	**189,61**	**VR673.1K-E160LUE**	90839	405	
	0,9 / 5,4	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160LUE**	97121	405	
	1,0 / 6,5	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	101064	405	
	1,1 / 6,8	**M8 (5m)**	2,6 / 16	3,6 / 23	6340 / 6330	**128,81**	**VR673.1K-E160LUE**	136311		
	1,1 / 6,8	**M8 (5m)**	2,6 / 16	3,6 / 23	6340 / 6330	**128,81**	**VR773.1K-E160LUE**	136311	515	373

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø280	0,5 / 3,0	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	89277	323	372
	0,5 / 3,4	**M8 (5m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	98044	405	
	0,6 / 4,0	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160LUE**	103282	405	
	0,8 / 4,8	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	105846	405	
	0,9 / 5,4	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160LUE**	109442	405	
Ø300	0,5 / 3,2	**M8 (5m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160LUE**	89277	405	372
	0,6 / 3,6	**M8 (5m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	98044	405	
	0,7 / 4,3	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160LUE**	102235	405	
	0,8 / 5,1	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160LUE**	105846	405	
	0,9 / 5,4	**M8 (5m)**	2,6 / 16	3,6 / 23	6340 / 6330	**128,81**	**VR773.1K-E160LUE**	140100	515	373
Ø320	0,6 / 3,4	**M8 (5m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160LUE**	89277	405	372
	0,6 / 3,9	**M8 (5m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	98044	405	
	0,7 / 4,6	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160LUE**	102235	405	
	0,8 / 4,9	**M8 (5m)**	2,6 / 16	3,2 / 20	7338 / 7322	**148,95**	**VR773.1K-E160LUE**	135735	515	373
Ø340	0,6 / 3,7	**M8 (5m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160LUE**	89277	405	372
	0,7 / 4,1	**M8 (5m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	98044	405	
	0,8 / 4,8	**M7 (4m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160LUE**	102235	405	
	0,8 / 5,3	**M8 (5m)**	2,6 / 16	3,2 / 20	7338 / 7322	**148,95**	**VR773.1K-E160LUE**	135735	515	373
Ø360	0,6 / 3,9	**M7 (4m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160LUE**	89277	405	372
	0,7 / 4,4	**M7 (4m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	98044	405	
	0,8 / 5,1	**M7 (4m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160LUE**	102235	405	
	0,6 / 3,5	**M8 (5m)**	2,6 / 16	2,0 / 13	11355 / 11468	**233,77**	**VR773.1K-E160LUE**	114944	515	373
	0,7 / 4,1	**M8 (5m)**	2,6 / 16	2,4 / 15	9738 / 9842	**200,14**	**VR773.1K-E160LUE**	125257	515	
	0,8 / 5,0	**M8 (5m)**	2,6 / 16	2,8 / 18	8192 / 8171	**166,50**	**VR773.1K-E160LUE**	129558	515	
Ø380	0,7 / 4,1	**M7 (4m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160LUE**	89277	405	372
	0,7 / 4,6	**M7 (4m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	96820	405	
	0,9 / 5,4	**M7 (4m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160LUE**	102235	405	
	0,6 / 3,7	**M8 (5m)**	2,6 / 16	2,0 / 13	11355 / 11468	**233,77**	**VR773.1K-E160LUE**	114944	515	373
	0,7 / 4,4	**M8 (5m)**	2,6 / 16	2,4 / 15	9738 / 9842	**200,14**	**VR773.1K-E160LUE**	122614	515	
	0,8 / 5,3	**M8 (5m)**	2,6 / 16	2,8 / 18	8192 / 8171	**166,50**	**VR773.1K-E160LUE**	129558	515	
Ø400	0,7 / 4,3	**M7 (4m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160LUE**	89277	405	372
	0,8 / 4,9	**M7 (4m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	96820	405	
	0,6 / 3,9	**M8 (5m)**	2,6 / 16	2,0 / 13	11355 / 11468	**233,77**	**VR773.1K-E160LUE**	114944	515	373
	0,7 / 4,6	**M8 (5m)**	2,6 / 16	2,4 / 15	9738 / 9842	**200,14**	**VR773.1K-E160LUE**	122614	515	
Ø420	0,7 / 4,5	**M7 (4m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160LUE**	89277	405	372
	0,8 / 5,1	**M7 (4m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	96820	405	
	0,7 / 4,1	**M8 (5m)**	2,6 / 16	2 / 13	11355 / 11468	**233,77**	**VR773.1K-E160LUE**	105413	515	373
	0,8 / 4,8	**M8 (5m)**	2,6 / 16	2,4 / 15	9738 / 9842	**200,14**	**VR773.1K-E160LUE**	122614	515	

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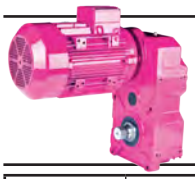

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø300	0,5 / 3,2	**M7 (4m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160LUE**	89277	405	372
	0,6 / 3,6	**M7 (4m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	98044	405	
	0,7 / 4,3	**M7 (4m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160LUE**	103282	405	
	0,5 / 3,0	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
	0,6 / 3,5	**M8 (5m)**	2,6 / 16	2,3 / 15	9842 / 9808	**200,14**	**VR773.1K-E160LUE**	117394	515	
	0,7 / 4,2	**M8 (5m)**	2,6 / 16	2,8 / 18	8192 / 8171	**166,50**	**VR773.1K-E160LUE**	124799	515	
Ø320	0,6 / 3,5	**M7 (4m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160LUE**	89277	405	372
	0,6 / 3,9	**M7 (4m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	98044	405	
	0,5 / 3,2	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
	0,6 / 3,7	**M8 (5m)**	2,6 / 16	2,3 / 15	9842 / 9808	**200,14**	**VR773.1K-E160LUE**	117394	515	
Ø340	0,6 / 3,7	**M7 (4m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160LUE**	89277	405	372
	0,7 / 4,1	**M7 (4m)**	2,6 / 16	2,5 / 15	9346 / 9256	**189,61**	**VR673.1K-E160LUE**	98044	405	
	0,5 / 3,4	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
	0,6 / 3,9	**M8 (5m)**	2,6 / 16	2,3 / 15	9842 / 9808	**200,14**	**VR773.1K-E160LUE**	117394	515	
Ø360	0,6 / 3,9	**M6 (3m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160LUE**	89277	405	372
	0,6 / 3,5	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
	0,7 / 4,1	**M8 (5m)**	2,6 / 16	2,3 / 15	9842 / 9808	**200,14**	**VR773.1K-E160LUE**	117394	515	
Ø380	0,7 / 4,1	**M6 (3m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160LUE**	89277	405	372
	0,6 / 3,7	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
	0,7 / 4,4	**M8 (5m)**	2,6 / 16	2,3 / 15	9842 / 9808	**200,14**	**VR773.1K-E160LUE**	117394	515	
Ø400	0,7 / 4,3	**M6 (3m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160LUE**	89277	405	372
	0,6 / 3,9	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
Ø420	0,7 / 4,1	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
Ø440	0,7 / 4,3	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373

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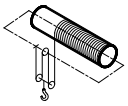

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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø320	0,5 / 3,2	**M8 (5m)**	2,6 / 16	2 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373
Ø340	0,5 / 3,4	**M8 (5m)**	2,6 / 16	2 / 13	11475 / 11428	**233,77**	**VR773.1K-E160LUE**	105294	515	373

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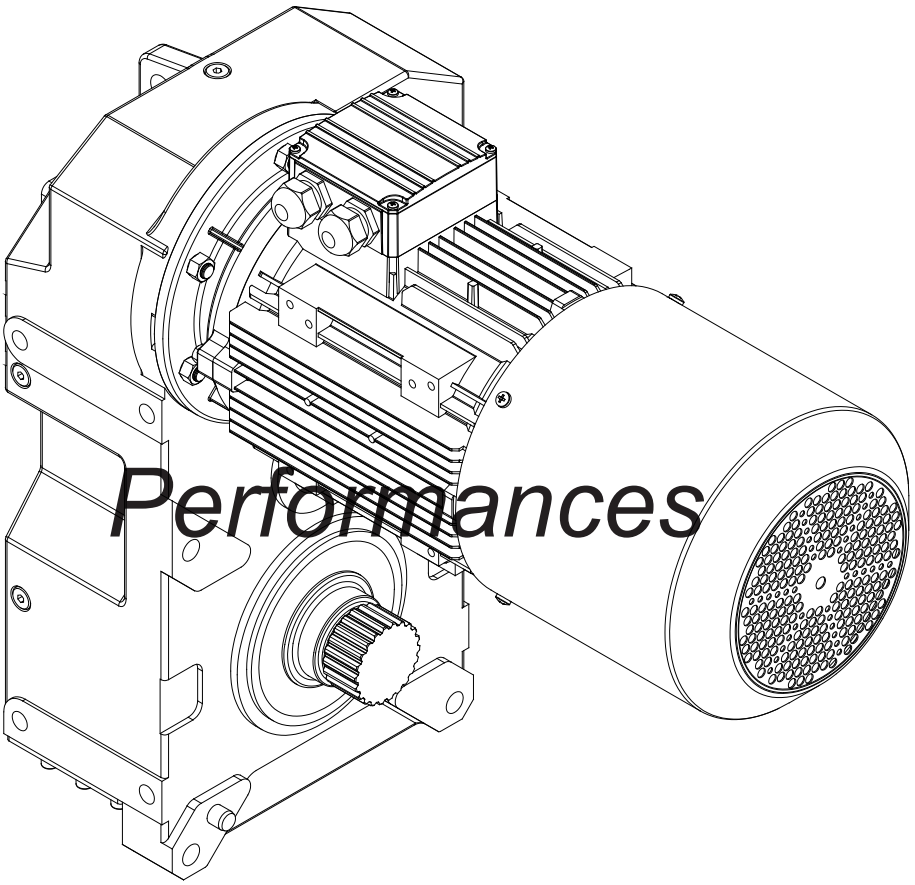
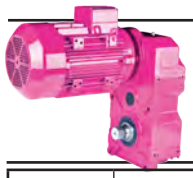
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

Performans Sayfaları



Performances

Leistungstabellen



V Serisi Performans Sayfaları
V Series Performance Tables
V Serien Leistungstabellen

n_1=2800

Anma Momenti *Nominal Torques* Nenndrehmo-ment **fs=1 [Nm]**	Çevrim Oranı *Ratio* Übersetzung **i**	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	Giriş Devri *Input Speeds* Antriebs-drehzahlen **n_1 [r.p.m]**	Tipi *Type* Typ	**P_e= Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86))** *P_e= Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86))* P_e= Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86)) **Vinç sınıfı / *Crane Class* / Kranklasse***								Güv. Rad. Yük Çıkış *Per.O. Loads (Output)* Zul.Querkräfte (Abtrieb)
					M2 (1Cm)	**M3 (1Bm)**	**M4 (1Am)**	**M5 (2m)**	**M6 (3m)**	**M7 (4m)**	**M8 (5m)**	**fs=1**	
345	25,44	110	**2800**	**VR273...**	7,05	7,05	7,01	**5,85**	4,65	3,70	2,95	**4,18**	17087
370	30,34	92			5,92	5,92	5,92	**5,24**	4,15	3,31	2,63	**3,74**	16761
390	36,38	77			4,95	4,95	4,95	**4,61**	3,69	2,94	2,34	**3,32**	16595
290	42,22	66			3,00	2,93	2,86	**2,69**	2,53	2,37	1,98	**2,13**	16156
290	50,36	56			2,54	2,49	2,43	**2,28**	2,14	2,01	1,73	**1,81**	15747
295	60,39	46			2,15	2,10	2,05	**1,93**	1,82	1,71	1,55	**1,53**	15345
300	73,03	38			1,86	1,75	1,72	**1,62**	1,53	1,43	1,34	**1,29**	14757
300	83,46	34			1,68	1,55	1,51	**1,43**	1,35	1,27	1,19	**1,14**	14184
300	96,09	29			1,52	1,36	1,33	**1,26**	1,18	1,12	1,05	**1,00**	17045
310	113,02	25			1,34	1,16	1,14	**1,09**	1,02	0,96	0,90	**0,86**	13151
310	120,49	23			1,28	1,10	1,07	**1,03**	0,97	0,91	0,85	**0,81**	14743
310	137,94	20			1,15	0,99	0,95	**0,91**	0,85	0,80	0,75	**0,72**	14190
490	23,58	119	**2800**	**VR373...**	11,18	10,41	10,19	**8,92**	7,10	5,67	4,49	**6,38**	12920
520	27,53	102			9,64	9,13	8,78	**8,16**	6,43	5,14	4,08	**5,81**	12285
545	32,11	87			8,29	8,02	7,55	**7,38**	5,85	4,65	3,69	**5,22**	12862
565	35,49	79			7,53	7,37	6,86	**6,76**	5,47	4,34	3,47	**4,91**	13249
595	41,42	68			6,49	6,39	5,91	**5,82**	4,96	3,95	3,13	**4,44**	13876
630	52,30	54			5,19	5,11	4,82	**4,65**	4,15	3,32	2,64	**3,74**	14886
650	57,79	48			4,71	4,64	4,43	**4,23**	3,90	3,09	2,44	**3,49**	15342
685	67,45	42			4,09	4,00	3,89	**3,64**	3,51	2,81	2,24	**3,16**	16060
725	79,34	35			3,57	3,42	3,37	**3,12**	3,07	2,52	1,99	**2,85**	16864
730	94,32	30			3,08	2,90	2,86	**2,66**	2,60	2,26	1,77	**2,42**	17758
735	106,69	26			2,78	2,57	2,54	**2,40**	2,31	2,09	1,62	**2,16**	18431
740	121,67	23			2,46	2,27	2,24	**2,15**	2,04	1,93	1,50	**1,91**	19162
920	28,45	98	**2800**	**VR473...**	17,10	16,85	16,62	**14,01**	11,10	8,84	7,00	**9,91**	15531
990	34,28	82			14,29	14,08	13,88	**12,37**	9,86	7,80	6,19	**8,88**	16414
1050	41,50	67			11,89	11,72	11,54	**10,99**	8,69	6,90	5,49	**7,80**	17357
1100	47,37	59			10,47	10,32	10,17	**10,02**	7,95	6,39	5,02	**7,17**	18055
1150	54,35	52			9,18	9,04	8,91	**8,78**	7,29	5,81	4,61	**6,55**	18793
1180	61,85	45			8,10	7,98	7,87	**7,75**	6,62	5,16	4,06	**5,91**	19609
1220	70,59	40			7,20	7,03	6,93	**6,83**	6,07	4,75	3,65	**5,37**	20429
1290	81,00	35			6,41	6,16	6,07	**5,98**	5,54	4,31	3,34	**4,96**	21272
1350	95,87	29			5,55	5,23	5,16	**5,08**	4,91	3,87	2,96	**4,39**	22385
1370	101,48	28			5,29	4,96	4,88	**4,81**	4,74	3,72	2,83	**4,21**	22781
1410	121,49	23			4,55	4,17	4,11	**4,05**	3,99	3,28	2,53	**3,64**	24015
1420	138,35	20			4,08	3,71	3,63	**3,58**	3,53	3,00	2,34	**3,23**	24935
1780	28,30	99	**2800**	**VR573...**	49,21	42,94	34,07	**27,04**	21,42	17,09	13,63	**19,25**	29462
1880	33,46	84			41,72	38,51	30,53	**24,21**	19,26	15,31	12,20	**17,24**	30984
1960	37,64	74			37,14	35,67	28,24	**22,45**	17,80	14,20	11,27	**16,00**	32101
2040	42,62	66			32,86	32,72	26,07	**20,66**	16,39	13,07	10,40	**14,73**	33327
2180	51,97	54			26,99	26,99	22,84	**18,15**	14,36	11,45	9,14	**12,93**	35377
2310	58,36	48			24,08	23,93	21,65	**17,15**	13,60	10,85	8,58	**12,23**	36647
2440	69,00	41			20,42	20,38	19,39	**15,39**	12,21	9,74	7,76	**10,95**	38552
2540	77,63	36			18,18	18,18	17,94	**14,23**	11,31	8,99	7,11	**10,15**	39935
2650	87,90	32			16,09	16,09	15,91	**13,12**	10,43	8,38	6,47	**9,37**	41444
2830	107,18	26			13,22	13,22	13,13	**11,50**	9,15	7,29	5,69	**8,22**	43996
2990	126,81	22			11,20	11,20	11,15	**10,31**	8,20	6,60	5,12	**7,36**	46287
3110	143,35	20			9,93	9,93	9,93	**9,82**	7,55	6,07	4,71	**6,79**	48024
3250	163,77	17			8,71	8,71	8,71	**8,62**	6,93	5,53	4,29	**6,22**	49981
6600	87,77	32	**2800**	**VR673...**	38,89	38,18	36,41	**31,46**	25,81	20,86	16,97	**23,33**	61153
6800	102,10	27			33,51	32,90	31,98	**28,33**	22,85	18,58	15,23	**20,71**	63986
7100	119,86	23			28,54	28,28	27,76	**24,91**	20,24	16,34	13,49	**18,42**	67116
7300	134,51	21			25,47	25,47	25,01	**22,92**	18,52	15,05	12,27	**16,90**	69444
7550	161,66	17			21,22	21,22	20,84	**19,68**	16,21	13,31	10,80	**14,57**	73385
7600	189,61	15			18,14	18,14	17,81	**17,15**	14,51	11,87	9,57	**12,53**	76953
7650	213,15	13			16,17	16,17	16,02	**15,44**	13,38	10,88	8,82	**11,25**	79705

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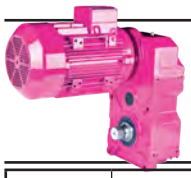

V Serisi Performans Sayfaları
V Series Performance Tables
V Serien Leistungstabellen

n_1=2800

Anma Momenti *Nominal Torques* Nenndrehmo-ment **fs=1 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Giriş Devri** *Input Speeds* Antriebs-drehzahlen **n_1 [r.p.m]**	**Tipi** *Type* Typ	**P_e= Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86))** *P_e= Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86))* P_e= Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86)) **Vinç sınıfı** / *Crane Class* / Kranklasse*								**Güv. Rad. Yük Çıkış** *Per.O. Loads (Output)* Zul.Querkräfte (Abtrieb)
					M2 (1Cm)	**M3 (1Bm)**	**M4 (1Am)**	**M5 (2m)**	**M6 (3m)**	**M7 (4m)**	**M8 (5m)**	**fs=1**	
10000	111,53	25	**2800**	**VR773...**	41,68	41,68	41,40	**36,96**	33,07	29,73	24,45	**27,79**	85593
10100	128,81	22			36,17	36,17	36,17	**32,79**	29,42	26,53	22,43	**24,35**	89428
10200	148,95	19			31,27	31,27	31,27	**28,98**	26,06	23,35	20,01	**21,26**	93362
10200	166,50	17			28,02	28,02	28,02	**26,34**	23,72	21,30	18,49	**19,05**	96531
10300	200,14	14			23,34	23,34	23,34	**22,57**	20,23	18,21	16,03	**16,03**	101946
10400	233,77	12			20,03	20,03	20,03	**20,03**	17,76	16,03	14,29	**13,89**	106781
18850	134,22	21	**2800**	**VR873...**	62,2	62,2	61,1	**57,7**	52,7	43,3	35,2	**43,4**	125610
18960	152,83	18			54,6	54,6	53,8	**51,6**	47,1	39,5	32,1	**38,3**	117887
19070	170,32	16			49,1	48,9	48,2	**47,0**	43,0	36,6	29,8	**34,7**	111776

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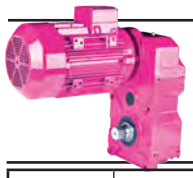

V Serisi Performans Sayfaları
V Series Performance Tables
V Serien Leistungstabellen

n_1=1400

Anma Momenti *Nominal Torques* Nenndrehmoment **fs=1 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Çıkış Devri** *Output Speeds* Abtriebsdrehzahlen **n_2 [r.p.m]**	**Giriş Devri** *Input Speeds* Antriebsdrehzahlen **n_1 [r.p.m]**	**Tipi** *Type* Typ	**P_e= Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86))** *P_e= Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86))* P_e= Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86)) **Vinç sınıfı / *Crane Class* / Kranklasse***								**Güv. Rad. Yük Çıkış** *Per.O. Loads (Output)* Zul.Querkräfte (Abtrieb)
					M2 (1Cm)	**M3 (1Bm)**	**M4 (1Am)**	**M5 (2m)**	**M6 (3m)**	**M7 (4m)**	**M8 (5m)**	**fs=1**	
430	25,44	55	**1400**	**VR273...**	3,54	3,54	3,54	**3,46**	2,90	2,31	1,84	**2,61**	24433
450	30,34	46			2,97	2,97	2,97	**2,97**	2,59	2,06	1,64	**2,29**	23616
450	36,38	38			2,49	2,49	2,49	**2,49**	2,28	1,84	1,46	**1,93**	28896
300	42,22	33			1,64	1,51	1,48	**1,40**	1,32	1,24	1,16	**1,11**	27195
305	50,36	28			1,43	1,28	1,25	**1,19**	1,12	1,05	0,99	**0,95**	26224
305	60,39	23			1,25	1,08	1,06	**1,01**	0,95	0,89	0,84	**0,80**	25324
310	73,03	20			1,08	0,93	0,88	**0,85**	0,80	0,75	0,71	**0,68**	23543
315	83,46	17			0,97	0,84	0,78	**0,75**	0,70	0,66	0,62	**0,60**	22478
320	96,09	15			0,88	0,76	0,68	**0,66**	0,62	0,58	0,55	**0,53**	26150
320	113,02	13			0,77	0,67	0,59	**0,57**	0,54	0,50	0,47	**0,45**	16237
320	120,49	12			0,74	0,64	0,55	**0,54**	0,51	0,48	0,45	**0,43**	18801
330	137,94	10			0,66	0,57	0,50	**0,47**	0,45	0,42	0,40	**0,38**	18017
615	23,58	59	**1400**	**VR373...**	5,72	5,63	5,24	**5,13**	4,48	3,57	2,85	**4,03**	16355
650	27,53	51			4,92	4,85	4,60	**4,42**	4,07	3,26	2,58	**3,65**	17150
685	32,11	44			4,24	4,17	4,04	**3,80**	3,68	2,94	2,34	**3,30**	17972
710	35,49	39			3,90	3,79	3,71	**3,45**	3,40	2,75	2,18	**3,10**	18521
725	41,42	34			3,42	3,26	3,22	**2,98**	2,93	2,49	1,99	**2,72**	19426
734	52,30	27			2,81	2,61	2,57	**2,42**	2,34	2,08	1,65	**2,19**	20794
740	57,79	24			2,56	2,37	2,33	**2,23**	2,13	1,96	1,55	**1,99**	21440
745	67,45	21			2,20	2,06	2,01	**1,96**	1,83	1,77	1,40	**1,72**	22472
750	79,34	18			1,88	1,79	1,72	**1,69**	1,57	1,54	1,26	**1,48**	23615
760	94,32	15			1,58	1,55	1,46	**1,43**	1,33	1,31	1,13	**1,26**	24901
760	106,69	13			1,40	1,40	1,29	**1,27**	1,20	1,16	1,05	**1,13**	25860
770	121,67	12			1,23	1,23	1,14	**1,12**	1,08	1,02	0,97	**1,00**	26929
1160	28,45	49	**1400**	**VR473...**	8,73	8,60	8,48	**8,35**	7,01	5,57	4,44	**6,28**	18517
1240	34,28	41			7,33	7,19	7,08	**6,98**	6,21	4,95	3,92	**5,58**	19567
1325	41,50	34			6,24	5,98	5,89	**5,80**	5,48	4,36	3,47	**4,94**	20690
1385	47,37	30			5,58	5,26	5,19	**5,11**	5,04	4,02	3,17	**4,53**	21515
1405	54,35	26			4,96	4,61	4,54	**4,48**	4,41	3,66	2,92	**4,02**	22386
1415	61,85	23			4,45	4,07	4,01	**3,95**	3,89	3,32	2,64	**3,56**	23298
1425	70,59	20			3,98	3,61	3,53	**3,48**	3,43	3,05	2,39	**3,15**	24271
1435	81,00	17			3,54	3,22	3,10	**3,05**	3,00	2,78	2,16	**2,77**	25301
1450	95,87	15			3,07	2,79	2,63	**2,59**	2,55	2,47	1,91	**2,36**	26632
1450	101,48	14			2,92	2,66	2,49	**2,45**	2,42	2,38	1,87	**2,24**	27026
1470	121,49	12			2,46	2,28	2,09	**2,06**	2,03	2,01	1,65	**1,90**	28518
1480	138,35	10			2,17	2,05	1,86	**1,82**	1,80	1,77	1,51	**1,68**	29642
2240	28,30	49	**1400**	**VR573...**	24,73	24,73	21,50	**17,07**	13,53	10,79	8,59	**12,18**	32600
2365	33,46	42			20,96	20,96	19,26	**15,30**	12,12	9,68	7,69	**10,90**	34258
2460	37,64	37			18,66	18,66	17,80	**14,15**	11,22	8,96	7,12	**10,09**	35477
2565	42,62	33			16,51	16,51	16,44	**13,04**	10,34	8,25	6,57	**9,31**	36805
2740	51,97	27			13,56	13,56	13,56	**11,44**	9,07	7,24	5,75	**8,16**	39040
2905	58,36	24			12,09	12,09	12,06	**10,81**	8,58	6,84	5,45	**7,72**	40329
3070	69,00	20			10,25	10,25	10,22	**9,68**	7,69	6,14	4,89	**6,91**	42373
3195	77,63	18			9,12	9,12	9,12	**9,02**	7,12	5,68	4,52	**6,40**	43880
3330	87,90	16			8,07	8,07	8,07	**7,98**	6,56	5,24	4,20	**5,91**	45490
3550	107,18	13			6,63	6,63	6,63	**6,58**	5,76	4,60	3,66	**5,17**	48281
3680	126,81	11			5,62	5,62	5,62	**5,59**	5,16	4,12	3,31	**4,54**	50699
3705	143,35	9,8			4,98	4,98	4,98	**4,97**	4,76	3,80	3,04	**4,05**	52588
3730	163,77	8,5			4,37	4,37	4,37	**4,37**	4,32	3,48	2,77	**3,58**	54725
7200	58,54	24	**1400**	**VR673...**	29,16	28,82	28,18	**25,90**	21,08	17,10	13,92	**19,09**	56546
7500	66,59	21			25,68	25,68	25,12	**23,22**	19,26	15,76	12,72	**17,51**	58772
7530	76,17	18			22,48	22,48	22,06	**20,62**	17,58	14,31	11,65	**15,39**	61142
7580	87,77	16			19,55	19,55	19,23	**18,25**	15,91	12,97	10,58	**13,47**	63779
7630	102,10	14			16,84	16,84	16,61	**16,02**	14,16	11,56	9,34	**11,68**	66897
7690	119,86	12			14,34	14,34	14,21	**13,91**	12,52	10,24	8,28	**10,03**	70267
7730	134,51	10			12,80	12,80	12,80	**12,52**	11,52	9,37	7,62	**9,00**	72759
7800	161,66	8,7			10,67	10,67	10,67	**10,47**	9,86	8,19	6,69	**7,56**	76902
7920	189,61	7,4			9,12	9,12	9,12	**8,98**	8,59	7,29	5,97	**6,56**	80701
8060	213,15	6,6			8,12	8,12	8,12	**8,02**	7,77	6,72	5,46	**5,95**	83646

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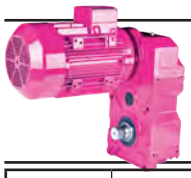

V Serisi Performans Sayfaları
V Series Performance Tables
V Serien Leistungstabellen

n_1=1400

Anma Momenti *Nominal Torques* Nenndrehmo-ment **fs=1 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Giriş Devri** *Input Speeds* Antriebs-drehzahlen **n_1 [r.p.m]**	**Tipi** *Type* Typ	**P_e= Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86))** *P_e= Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86))* P_e= Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86)) **Vinç sınıfı** / *Crane Class* / Kranklasse*								**Güv. Rad. Yük Çıkış** *Per.O. Loads (Output)* Zul.Querkräfte (Abtrieb)
					M2 (1Cm)	**M3 (1Bm)**	**M4 (1Am)**	**M5 (2m)**	**M6 (3m)**	**M7 (4m)**	**M8 (5m)**	**fs=1**	
10000	49,45	28	**1400**	**VR773...**	46,86	46,86	45,61	**40,92**	36,55	33,11	26,87	**31,24**	68691
10000	56,82	25			40,85	40,85	40,57	**36,49**	32,68	29,41	24,51	**27,23**	71559
10100	65,59	21			35,44	35,44	35,44	**32,14**	28,83	25,99	21,98	**23,87**	74801
10100	68,02	21			34,15	34,15	34,15	**31,19**	28,00	25,04	21,40	**22,99**	75633
10200	76,29	18			30,49	30,49	30,49	**28,46**	25,41	22,77	19,72	**20,73**	78299
10200	85,99	16			27,09	27,09	27,09	**25,65**	22,94	20,59	18,24	**18,42**	81094
10300	97,55	14			23,92	23,92	23,92	**23,12**	20,73	18,50	16,58	**16,43**	84302
10300	111,53	13			20,96	20,96	20,96	**20,96**	18,44	16,63	14,81	**14,39**	87996
10400	128,81	11			18,19	18,19	18,19	**18,19**	16,37	14,67	13,22	**12,61**	92048
10500	148,95	9,4			15,72	15,72	15,72	**15,72**	14,46	13,00	11,63	**11,00**	96482
10500	166,50	8,4			14,09	14,09	14,09	**14,09**	13,24	11,83	10,61	**9,86**	99944
10800	200,14	7,0			11,73	11,73	11,73	**11,73**	11,34	10,17	9,07	**8,45**	105994
11100	233,77	6,0			10,07	10,07	10,07	**10,07**	10,00	8,92	7,98	**7,45**	111312
18550	46,82	30	**1400**	**VR873...**	88,7	87,7	86,0	**78,3**	67,9	55,4	45,1	**60,9**	102531
18650	53,03	26			78,4	77,7	76,7	**70,4**	62,3	50,8	41,4	**54,1**	116460
18760	60,33	23			69,0	68,6	67,7	**63,1**	57,0	46,5	37,9	**48,0**	125889
18880	69,01	20			60,4	60,4	59,4	**56,3**	51,4	42,4	34,5	**42,3**	132750
18920	73,09	19			57,0	57,0	56,1	**53,5**	48,9	40,7	33,1	**40,0**	136405
19030	81,40	17			51,3	51,3	50,6	**48,8**	44,6	37,7	30,7	**36,1**	141051
19130	91,16	15			45,8	45,8	45,3	**44,3**	40,4	34,9	28,4	**32,5**	143570
19240	102,78	14			40,7	40,7	40,4	**39,8**	36,5	32,1	26,2	**29,0**	144128
19360	116,84	12			35,9	35,9	35,7	**35,2**	32,7	29,4	24,0	**25,7**	147568
19500	134,22	10			31,3	31,3	31,3	**30,8**	29,1	26,3	21,8	**22,6**	150242
19630	152,83	9,2			27,5	27,5	27,5	**27,1**	26,0	23,6	19,9	**20,0**	147823
19740	170,32	8,2			24,7	24,7	24,7	**24,4**	23,7	21,5	18,4	18,0	147350

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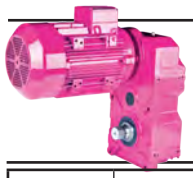

V Serisi Performans Sayfaları
V Series Performance Tables
V Serien Leistungstabellen

n_1=900

Anma Momenti *Nominal Torques* Nenndrehmoment **fs=1 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Çıkış Devri** *Output Speeds* Abtriebsdrehzahlen **n_2 [r.p.m]**	**Giriş Devri** *Input Speeds* Antriebsdrehzahlen **n_1 [r.p.m]**	**Tipi** *Type* Typ	**P_e= Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86))** *P_e= Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86))* P_e= Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86)) **Vinç sınıfı / *Crane Class* / Kranklasse***								**Güv. Rad. Yük Çıkış** *Per.O. Loads (Output)* Zul.Querkräfte (Abtrieb)
					M2 (1Cm)	**M3 (1Bm)**	**M4 (1Am)**	**M5 (2m)**	**M6 (3m)**	**M7 (4m)**	**M8 (5m)**	**fs=1**	
455	25,44	35	**900**	**VR273...**	2,28	2,28	2,28	**2,28**	2,13	1,74	1,39	**1,79**	22649
460	30,34	30			1,92	1,92	1,92	**1,92**	1,85	1,56	1,24	**1,52**	21885
466	36,38	25			1,60	1,60	1,60	**1,60**	1,59	1,39	1,10	**1,29**	20798
310	42,22	21			1,17	1,01	0,97	**0,93**	0,88	0,82	0,77	**0,74**	19898
310	50,36	18			1,02	0,88	0,82	**0,79**	0,75	0,70	0,66	**0,63**	18590
320	60,39	15			0,89	0,77	0,69	**0,67**	0,63	0,59	0,56	**0,53**	17892
320	73,03	12			0,77	0,67	0,58	**0,57**	0,53	0,50	0,47	**0,45**	17448
325	83,46	11			0,69	0,60	0,52	**0,50**	0,47	0,44	0,42	**0,40**	16088
330	96,09	9,4			0,62	0,54	0,47	**0,44**	0,41	0,39	0,37	**0,35**	14969
330	113,02	8,0			0,53	0,48	0,41	**0,37**	0,36	0,34	0,32	**0,30**	14631
335	120,49	7,5			0,50	0,45	0,39	**0,35**	0,34	0,32	0,30	**0,29**	14113
340	137,94	6,5			0,44	0,41	0,35	**0,31**	0,30	0,28	0,26	**0,25**	13202
710	23,58	38	**900**	**VR373...**	3,78	3,69	3,61	**3,35**	3,31	2,67	2,12	**3,01**	15586
720	27,53	33			3,30	3,16	3,12	**2,87**	2,83	2,43	1,92	**2,61**	18161
730	32,11	28			2,92	2,74	2,67	**2,52**	2,46	2,18	1,74	**2,27**	19022
740	35,49	25			2,68	2,48	2,42	**2,31**	2,23	2,06	1,63	**2,08**	19603
740	41,42	22			2,30	2,13	2,10	**2,03**	1,91	1,86	1,48	**1,79**	20536
750	52,30	17			1,83	1,75	1,67	**1,65**	1,52	1,50	1,23	**1,44**	22016
750	57,79	16			1,65	1,60	1,52	**1,50**	1,39	1,36	1,15	**1,31**	22686
760	67,45	13			1,42	1,41	1,32	**1,29**	1,21	1,18	1,05	**1,14**	23770
770	79,34	11			1,21	1,21	1,12	**1,11**	1,06	1,01	0,94	**0,98**	24961
770	94,32	9,5			1,02	1,02	0,97	**0,93**	0,91	0,85	0,84	**0,83**	26293
780	106,69	8,4			0,90	0,90	0,87	**0,83**	0,82	0,76	0,74	**0,74**	27263
780	121,67	7,4			0,79	0,79	0,78	**0,73**	0,72	0,67	0,66	**0,65**	28345
1340	28,45	32	**900**	**VR473...**	5,90	5,63	5,52	**5,45**	5,21	4,16	3,32	**4,68**	21725
1400	34,28	26			5,03	4,68	4,62	**4,56**	4,48	3,69	2,94	**4,07**	22956
1420	41,50	22			4,28	3,90	3,85	**3,78**	3,73	3,25	2,60	**3,42**	24280
1430	47,37	19			3,82	3,49	3,38	**3,34**	3,27	3,00	2,39	**3,02**	25242
1440	54,35	17			3,41	3,10	2,97	**2,92**	2,88	2,75	2,18	**2,66**	26293
1450	61,85	15			3,05	2,78	2,61	**2,58**	2,53	2,47	1,96	**2,35**	27369
1460	70,59	13			2,71	2,48	2,30	**2,27**	2,24	2,21	1,81	**2,08**	28443
1470	81,00	11			2,37	2,20	2,02	**1,99**	1,96	1,93	1,64	**1,83**	29642
1480	95,87	9,4			2,00	1,92	1,74	**1,69**	1,66	1,64	1,45	**1,56**	31195
1490	101,48	8,9			1,89	1,82	1,65	**1,59**	1,57	1,55	1,40	**1,48**	31713
1500	121,49	7,4			1,59	1,57	1,42	**1,34**	1,33	1,30	1,24	**1,25**	33456
1530	138,35	6,5			1,40	1,40	1,28	**1,18**	1,17	1,15	1,14	**1,13**	34774
2580	28,30	32	**900**	**VR573...**	15,97	15,97	15,94	**12,71**	10,11	8,04	6,39	**9,06**	41451
2730	33,46	27			13,54	13,54	13,54	**11,40**	9,05	7,20	5,74	**8,12**	43597
2840	37,64	24			12,05	12,05	12,05	**10,57**	8,37	6,68	5,32	**7,52**	45175
2960	42,62	21			10,66	10,66	10,66	**9,72**	7,71	6,16	4,90	**6,94**	46895
3160	51,97	17			8,75	8,75	8,75	**8,66**	6,77	5,41	4,29	**6,08**	49777
3360	58,36	15			7,80	7,80	7,80	**7,74**	6,40	5,11	4,07	**5,76**	51578
3550	69,00	13			6,61	6,61	6,61	**6,57**	5,74	4,58	3,63	**5,16**	54241
3680	77,63	12			5,89	5,89	5,89	**5,86**	5,32	4,24	3,38	**4,76**	56208
3700	87,90	10			5,21	5,21	5,21	**5,20**	4,90	3,90	3,11	**4,24**	58352
3730	107,18	8,4			4,28	4,28	4,28	**4,28**	4,23	3,43	2,73	**3,51**	61938
3810	126,81	7,1			3,62	3,62	3,62	**3,62**	3,59	3,07	2,45	**3,04**	65160
3890	143,35	6,3			3,21	3,21	3,21	**3,21**	3,20	2,84	2,26	**2,75**	67612
3970	163,77	5,5			2,82	2,82	2,82	**2,82**	2,81	2,60	2,07	**2,46**	70379
7600	58,54	15	**900**	**VR673...**	18,82	18,82	18,47	**17,62**	15,39	12,66	10,26	**13,00**	76146
7600	66,59	14			16,57	16,57	16,42	**15,81**	14,16	11,60	9,34	**11,45**	79134
7700	76,17	12			14,51	14,51	14,37	**14,11**	12,92	10,55	8,57	**10,15**	82418
7700	87,77	10			12,61	12,61	12,61	**12,38**	11,47	9,52	7,68	**8,83**	85965
7800	102,10	8,8			10,86	10,86	10,86	**10,67**	9,98	8,49	6,91	**7,70**	89957
7900	119,86	7,5			9,25	9,25	9,25	**9,08**	8,66	7,48	6,06	**6,64**	94318
8000	134,51	6,7			8,26	8,26	8,26	**8,18**	7,88	6,90	5,63	**6,00**	97668
8300	161,66	5,6			6,88	6,88	6,88	**6,88**	6,69	6,00	4,88	**5,19**	103148
8500	189,61	4,7			5,87	5,87	5,87	**5,87**	5,77	5,34	4,38	**4,54**	108221
8600	213,15	4,2			5,23	5,23	5,23	**5,23**	5,14	4,85	4,00	**4,09**	112050

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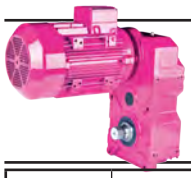

V Serisi Performans Sayfaları
V Series Performance Tables
V Serien Leistungstabellen

n_1=900

Anma Momenti *Nominal Torques* Nenndrehmo-ment **fs=1 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Giriş Devri** *Input Speeds* Antriebs-drehzahlen **n_1 [r.p.m]**	**Tipi** *Type* Typ	**P_e= Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86))** *P_e= Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86))* P_e= Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86)) **Vinç sınıfı** / *Crane Class* / Kranklasse*								**Güv. Rad. Yük Çıkış** *Per.O. Loads (Output)* Zul.Querkräfte (Abtrieb)
					M2 (1Cm)	**M3 (1Bm)**	**M4 (1Am)**	**M5 (2m)**	**M6 (3m)**	**M7 (4m)**	**M8 (5m)**	**fs=1**	
10200	49,45	18	**900**	**VR773...**	30,24	30,24	30,24	**28,22**	25,20	22,58	19,76	**20,56**	94310
10200	56,82	16			26,36	26,36	26,36	**25,13**	22,49	20,21	17,92	**17,92**	98324
10300	65,59	14			22,87	22,87	22,87	**22,26**	19,82	17,84	16,16	**15,70**	102640
10300	68,02	13			22,03	22,03	22,03	**21,59**	19,39	17,33	15,57	**15,13**	103712
10400	76,29	12			19,67	19,67	19,67	**19,54**	17,44	15,74	14,03	**13,64**	107232
10400	85,99	10			17,48	17,48	17,48	**17,48**	15,85	14,21	12,70	**12,12**	111078
10500	97,55	9,2			15,43	15,43	15,43	**15,43**	14,30	12,76	11,42	**10,80**	115271
10600	111,53	8,1			13,52	13,52	13,52	**13,52**	12,71	11,45	10,27	**9,55**	119939
10800	128,81	7,0			11,73	11,73	11,73	**11,73**	11,34	10,16	9,07	**8,44**	125111
11000	148,95	6,0			10,14	10,14	10,14	**10,14**	10,00	8,99	8,04	**7,43**	130585
11200	166,50	5,4			9,08	9,08	9,08	**9,08**	9,08	8,17	7,33	**6,78**	134939
11500	200,14	4,5			7,56	7,56	7,56	**7,56**	7,56	7,01	6,25	**5,80**	142429
11800	233,77	3,8			6,49	6,49	6,49	**6,49**	6,49	6,14	5,49	**5,10**	149105
18920	46,82	19	**900**	**VR873...**	57,2	57,2	56,3	**49,0**	49,0	40,8	33,2	**40,1**	114944
19030	53,03	17			50,6	50,6	49,9	**48,3**	44,1	37,4	30,5	**35,7**	122543
19150	60,33	15			44,6	44,6	44,1	**43,5**	39,4	34,2	27,9	**31,6**	129498
19280	69,01	13			39,0	39,0	38,7	**38,2**	35,2	31,2	25,4	**27,9**	132254
19330	73,09	12			36,8	36,8	36,6	**36,1**	33,4	29,9	24,4	**26,3**	137090
19440	81,40	11			33,1	33,1	33,1	**32,5**	30,5	27,6	22,6	**23,8**	138024
19550	91,16	10			29,6	29,6	29,6	**29,1**	27,7	25,1	20,9	**21,4**	141659
19670	102,78	8,8			26,3	26,3	26,3	**25,9**	25,0	22,7	19,3	**19,1**	144762
19800	116,84	7,7			23,2	23,2	23,2	**22,9**	22,4	20,4	17,6	**17,0**	145661
20230	134,22	6,7			20,2	20,2	20,2	**20,0**	19,8	18,1	16,0	**15,1**	148191
20620	152,83	5,9			17,7	17,7	17,7	**17,6**	17,4	16,2	14,6	**13,5**	146529
20960	170,32	5,3			15,9	15,9	15,9	**15,9**	15,7	14,8	13,3	12,4	145986

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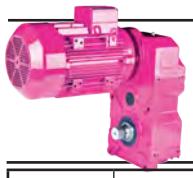
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



V Serisi Performans Sayfaları
V Series Performance Tables
V Serien Leistungstabellen

n_1=750

Anma Momenti *Nominal Torques* Nenndrehmo-ment **fs=1 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Giriş Devri** *Input Speeds* Antriebs-drehzahlen **n_1 [r.p.m]**	**Tipi** *Type* Typ	**P_e= Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86))** *P_e= Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86))* P_e= Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86)) **Vinç sınıfı / *Crane Class* / Kranklasse***								**Güv. Rad. Yük Çıkış** *Per.O. Loads (Output)* Zul.Querkräfte (Abtrieb)
					M2 (1Cm)	**M3 (1Bm)**	**M4 (1Am)**	**M5 (2m)**	**M6 (3m)**	**M7 (4m)**	**M8 (5m)**	**fs=1**	
460	25,44	29	**750**	**VR273...**	1,91	1,91	1,91	**1,91**	1,84	1,55	1,23	**1,51**	22157
470	30,34	25			1,60	1,60	1,60	**1,60**	1,59	1,38	1,10	**1,29**	20694
470	36,38	21			1,34	1,34	1,34	**1,34**	1,34	1,21	0,98	**1,09**	20127
315	42,22	18			1,02	0,88	0,82	**0,79**	0,74	0,70	0,65	**0,63**	19331
320	50,36	15			0,89	0,77	0,69	**0,67**	0,63	0,59	0,56	**0,53**	18038
320	60,39	12			0,77	0,67	0,58	**0,57**	0,53	0,50	0,47	**0,45**	17419
330	73,03	10			0,66	0,58	0,50	**0,47**	0,45	0,42	0,40	**0,38**	16268
330	83,46	9,0			0,59	0,52	0,45	**0,42**	0,40	0,37	0,35	**0,34**	19459
330	96,09	7,8			0,52	0,47	0,40	**0,37**	0,35	0,33	0,31	**0,30**	18171
340	113,02	6,6			0,44	0,41	0,36	**0,31**	0,31	0,28	0,27	**0,26**	17776
340	120,49	6,2			0,41	0,39	0,34	**0,30**	0,29	0,27	0,25	**0,24**	16576
340	137,94	5,4			0,36	0,35	0,31	**0,26**	0,25	0,24	0,22	**0,21**	20096
730	23,58	32	**750**	**VR373...**	3,25	3,08	3,04	**2,83**	2,76	2,37	1,88	**2,58**	16457
730	27,53	27			2,85	2,66	2,60	**2,45**	2,39	2,15	1,70	**2,21**	19182
740	32,11	23			2,47	2,28	2,26	**2,15**	2,05	1,95	1,53	**1,92**	20091
740	35,49	21			2,23	2,09	2,05	**1,98**	1,86	1,81	1,43	**1,74**	20704
750	41,42	18			1,92	1,84	1,76	**1,74**	1,59	1,57	1,31	**1,51**	21695
760	52,30	14			1,52	1,49	1,40	**1,38**	1,30	1,27	1,09	**1,22**	23257
760	57,79	13			1,38	1,38	1,28	**1,25**	1,19	1,15	1,03	**1,10**	23972
770	67,45	11			1,18	1,18	1,10	**1,09**	1,05	0,99	0,92	**0,96**	25107
770	79,34	9,5			1,01	1,01	0,96	**0,92**	0,91	0,84	0,83	**0,82**	26364
780	94,32	8,0			0,85	0,85	0,82	**0,78**	0,77	0,72	0,70	**0,70**	27740
780	106,69	7,0			0,75	0,75	0,75	**0,70**	0,68	0,64	0,63	**0,62**	28772
780	121,67	6,2			0,66	0,66	0,66	**0,61**	0,61	0,58	0,55	**0,54**	29907
1400	28,45	26	**750**	**VR473...**	5,04	4,69	4,64	**4,58**	4,49	3,67	2,92	**4,08**	27758
1420	34,28	22			4,32	3,93	3,88	**3,81**	3,76	3,27	2,60	**3,44**	28875
1430	41,50	18			3,66	3,33	3,21	**3,17**	3,13	2,89	2,29	**2,87**	30017
1440	47,37	16			3,28	2,98	2,84	**2,79**	2,75	2,66	2,12	**2,54**	31266
1450	54,35	14			2,91	2,65	2,48	**2,45**	2,42	2,37	1,92	**2,23**	32891
1460	61,85	12			2,57	2,37	2,20	**2,15**	2,13	2,10	1,75	**1,98**	33466
1470	70,59	11			2,26	2,12	1,93	**1,90**	1,87	1,84	1,61	**1,75**	35392
1480	81,00	9,3			1,97	1,89	1,71	**1,66**	1,64	1,62	1,47	**1,54**	36940
1500	95,87	7,8			1,67	1,63	1,49	**1,42**	1,39	1,37	1,30	**1,32**	38292
1500	101,48	7,4			1,58	1,56	1,42	**1,34**	1,32	1,30	1,25	**1,25**	39872
1530	121,49	6,2			1,32	1,32	1,22	**1,13**	1,11	1,09	1,08	**1,07**	42614
1540	138,35	5,4			1,17	1,17	1,09	**0,99**	0,98	0,96	0,95	**0,94**	44323
2740	28,30	27	**750**	**VR573...**	13,33	13,33	13,33	**11,28**	8,94	7,12	5,42	**8,03**	43741
2900	33,46	22			11,30	11,30	11,30	**10,11**	8,02	6,38	5,09	**7,20**	46057
3020	37,64	20			10,06	10,06	10,06	**9,35**	7,43	5,92	4,71	**6,68**	47720
3150	42,62	18			8,90	8,90	8,90	**8,80**	6,84	5,46	4,34	**6,16**	49541
3360	51,97	14			7,30	7,30	7,30	**7,30**	6,00	4,78	3,80	**5,39**	52586
3560	58,36	13			6,51	6,51	6,51	**6,47**	5,67	4,52	3,61	**5,10**	54489
3690	69,00	11			5,52	5,52	5,52	**5,51**	5,08	4,05	3,23	**4,48**	57304
3710	77,63	9,7			4,91	4,91	4,91	**4,91**	4,71	3,76	2,99	**4,01**	59377
3730	87,90	8,5			4,35	4,35	4,35	**4,35**	4,30	3,47	2,75	**3,56**	61639
3820	107,18	7,0			3,57	3,57	3,57	**3,57**	3,55	3,04	2,41	**3,00**	65426
3920	126,81	5,9			3,02	3,02	3,02	**3,02**	3,01	2,72	2,17	**2,60**	68835
4000	143,35	5,2			2,68	2,68	2,68	**2,68**	2,67	2,51	2,00	**2,36**	71427
4080	163,77	4,6			2,35	2,35	2,35	**2,35**	2,35	2,30	1,83	**2,11**	74350
7700	58,54	13	**750**	**VR673...**	15,70	15,70	15,56	**14,99**	13,56	11,13	8,99	**10,99**	80414
7700	66,59	11			13,83	13,83	13,83	**13,45**	12,32	10,18	8,30	**9,68**	83612
7800	76,17	9,8			12,10	12,10	12,10	**11,88**	11,00	9,24	7,48	**8,58**	87025
7800	87,77	8,5			10,52	10,52	10,52	**10,33**	9,76	8,42	6,79	**7,46**	90814
7900	102,10	7,3			9,06	9,06	9,06	**8,90**	8,57	7,50	6,10	**6,51**	95022
8100	119,86	6,3			7,72	7,72	7,72	**7,65**	7,44	6,60	5,33	**5,68**	99623
8300	134,51	5,6			6,89	6,89	6,89	**6,89**	6,70	6,07	4,95	**5,20**	103152
8500	161,66	4,6			5,74	5,74	5,74	**5,74**	5,63	5,27	4,33	**4,43**	108981
8700	189,61	4,0			4,90	4,90	4,90	**4,90**	4,81	4,59	3,83	**3,88**	114280
8900	213,15	3,5			4,37	4,37	4,37	**4,37**	4,29	4,17	3,53	**3,53**	118367

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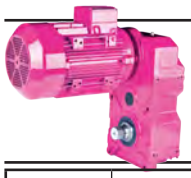

V Serisi Performans Sayfaları
V Series Performance Tables
V Serien Leistungstabellen

n_1=750

Anma Momenti *Nominal Torques* Nenndrehmo-ment **fs=1 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Giriş Devri** *Input Speeds* Antriebs-drehzahlen **n_1 [r.p.m]**	**Tipi** *Type* Typ	**P_e= Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86))** *P_e= Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86))* P_e= Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86)) **Vinç sınıfı** / *Crane Class* / Kranklasse*								**Güv. Rad. Yük Çıkış** *Per.O. Loads (Output)* Zul.Querkräfte (Abtrieb)
					M2 (1Cm)	**M3 (1Bm)**	**M4 (1Am)**	**M5 (2m)**	**M6 (3m)**	**M7 (4m)**	**M8 (5m)**	**fs=1**	
10300	49,45	15	**750**	**VR773...**	25,24	25,24	25,24	**24,23**	21,71	19,35	17,50	**17,33**	99640
10300	56,82	13			22,00	22,00	22,00	**21,56**	19,21	17,31	15,55	**15,11**	103784
10400	65,59	11			19,09	19,09	19,09	**19,09**	17,05	15,27	13,74	**13,23**	108246
10400	68,02	11			18,39	18,39	18,39	**18,39**	16,55	14,83	13,36	**12,75**	109422
10500	76,29	9,8			16,42	16,42	16,42	**16,42**	14,99	13,46	12,04	**11,49**	113136
10500	85,99	8,7			14,58	14,58	14,58	**14,58**	13,61	12,15	10,89	**10,21**	117193
10600	97,55	7,7			12,88	12,88	12,88	**12,88**	12,19	10,99	9,87	**9,10**	121660
10800	111,53	6,7			11,28	11,28	11,28	**11,28**	10,90	9,78	8,80	**8,12**	126538
11100	128,81	5,8			9,79	9,79	9,79	**9,79**	9,72	8,68	7,76	**7,24**	131994
11300	148,95	5,0			8,46	8,46	8,46	**8,46**	8,46	7,67	6,88	**6,37**	137769
11500	166,50	4,5			7,58	7,58	7,58	**7,58**	7,58	7,02	6,26	**5,81**	142361
11900	200,14	3,7			6,31	6,31	6,31	**6,31**	6,31	6,01	5,38	**5,00**	150308
12100	233,77	3,2			5,41	5,41	5,41	**5,41**	5,41	5,27	4,73	**4,36**	157350
19090	46,82	16	**750**	**VR873...**	47,8	47,8	47,2	**45,9**	42,0	35,9	29,2	**33,8**	117255
19200	53,03	14			42,2	42,2	41,8	**41,3**	37,6	33,0	26,8	**30,0**	125257
19320	60,33	12			37,2	37,2	36,9	**36,4**	33,7	30,2	24,6	**26,6**	131759
19450	69,01	11			32,5	32,5	32,5	**32,0**	30,1	27,2	22,4	**23,4**	135735
19510	73,09	10			30,7	30,7	30,7	**30,2**	28,6	25,9	21,5	**22,2**	140100
19620	81,40	9,2			27,6	27,6	27,6	**27,2**	26,1	23,7	19,9	**20,1**	143577
19740	91,16	8,2			24,7	24,7	24,7	**24,4**	23,7	21,5	18,4	**18,0**	144234
19960	102,78	7,3			21,9	21,9	21,9	**21,7**	21,4	19,4	17,0	**16,2**	147036
20350	116,84	6,4			19,3	19,3	19,3	**19,2**	18,9	17,4	15,5	**14,6**	149464
20770	134,22	5,6			16,8	16,8	16,8	**16,8**	16,5	15,5	14,0	**13,0**	149785
21190	152,83	4,9			14,8	14,8	14,8	**14,8**	14,6	13,9	12,5	**11,6**	149571
21530	170,32	4,4			13,3	13,3	13,3	**13,3**	13,1	12,6	11,4	10,6	148625

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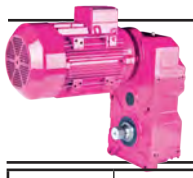

V Serisi Performans Sayfaları
V Series Performance Tables
V Serien Leistungstabellen

n_1=450

Anma Momenti *Nominal Torques* Nenndrehmo-ment **fs=1 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Giriş Devri** *Input Speeds* Antriebs-drehzahlen **n_1 [r.p.m]**	**Tipi** *Type* Typ	**P_e= Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86))** *P_e= Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86))* P_e= Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86)) **Vinç sınıfı / *Crane Class* / Kranklasse***								**Güv. Rad. Yük Çıkış** *Per.O. Loads (Output)* Zul.Querkräfte (Abtrieb)
					M2 (1Cm)	**M3 (1Bm)**	**M4 (1Am)**	**M5 (2m)**	**M6 (3m)**	**M7 (4m)**	**M8 (5m)**	**fs=1**	
480	25,44	18	**450**	**VR273...**	1,15	1,15	1,15	**1,15**	1,15	1,07	0,88	**0,94**	33017
485	30,34	15			0,96	0,96	0,96	**0,96**	0,96	0,92	0,78	**0,80**	32027
490	36,38	12			0,81	0,81	0,81	**0,81**	0,81	0,80	0,70	**0,68**	31558
325	42,22	11			0,68	0,59	0,51	**0,49**	0,46	0,43	0,41	**0,39**	30377
330	50,36	8,9			0,59	0,51	0,44	**0,41**	0,39	0,37	0,35	**0,33**	29356
330	60,39	7,5			0,49	0,45	0,39	**0,35**	0,33	0,31	0,29	**0,28**	28401
340	73,03	6,2			0,41	0,39	0,33	**0,29**	0,28	0,26	0,25	**0,24**	27064
340	83,46	5,4			0,36	0,35	0,30	**0,26**	0,25	0,23	0,22	**0,21**	25820
345	96,09	4,7			0,31	0,31	0,27	**0,23**	0,22	0,21	0,19	**0,18**	24644
350	113,02	4,0			0,27	0,27	0,24	**0,21**	0,19	0,18	0,17	**0,16**	22455
350	120,49	3,7			0,25	0,25	0,23	**0,20**	0,18	0,17	0,16	**0,15**	21517
355	137,94	3,3			0,22	0,22	0,20	**0,18**	0,16	0,15	0,14	**0,13**	20613
750	23,58	19	**450**	**VR373...**	2,02	1,91	1,85	**1,83**	1,68	1,66	1,34	**1,59**	19149
750	27,53	16			1,73	1,68	1,59	**1,57**	1,46	1,42	1,22	**1,37**	22373
760	32,11	14			1,48	1,47	1,38	**1,34**	1,27	1,23	1,09	**1,19**	23429
760	35,49	13			1,35	1,35	1,25	**1,22**	1,16	1,12	1,03	**1,08**	24148
770	41,42	11			1,15	1,15	1,07	**1,06**	1,02	0,96	0,94	**0,94**	25298
780	52,30	8,6			0,92	0,92	0,88	**0,84**	0,83	0,76	0,75	**0,75**	27102
780	57,79	7,8			0,83	0,83	0,80	**0,76**	0,75	0,70	0,68	**0,68**	27910
780	67,45	6,7			0,71	0,71	0,71	**0,66**	0,65	0,62	0,59	**0,59**	29216
780	79,34	5,7			0,61	0,61	0,61	**0,56**	0,56	0,54	0,51	**0,50**	30646
790	94,32	4,8			0,51	0,51	0,51	**0,49**	0,47	0,46	0,43	**0,43**	32249
790	106,69	4,2			0,45	0,45	0,45	**0,43**	0,42	0,41	0,38	**0,38**	33450
790	121,67	3,7			0,40	0,40	0,40	**0,39**	0,37	0,36	0,34	**0,33**	34780
1440	28,45	16	**450**	**VR473...**	3,27	2,97	2,83	**2,78**	2,74	2,62	2,09	**2,53**	26681
1460	34,28	13			2,78	2,53	2,35	**2,32**	2,29	2,26	1,86	**2,13**	28181
1470	41,50	11			2,30	2,15	1,96	**1,94**	1,90	1,87	1,63	**1,78**	29826
1480	47,37	9,5			2,02	1,92	1,75	**1,70**	1,68	1,66	1,51	**1,57**	30990
1490	54,35	8,3			1,76	1,71	1,56	**1,49**	1,46	1,45	1,38	**1,38**	32263
1500	61,85	7,3			1,55	1,53	1,39	**1,31**	1,30	1,27	1,24	**1,22**	33605
1530	70,59	6,4			1,36	1,36	1,25	**1,15**	1,14	1,12	1,11	**1,10**	35034
1540	81,00	5,6			1,19	1,19	1,11	**1,01**	1,00	0,98	0,97	**0,96**	36661
1540	95,87	4,7			1,00	1,00	0,96	**0,87**	0,85	0,84	0,82	**0,81**	38730
1540	101,48	4,4			0,95	0,95	0,92	**0,83**	0,80	0,79	0,78	**0,77**	39458
1550	121,49	3,7			0,80	0,80	0,79	**0,72**	0,67	0,67	0,65	**0,65**	41847
1550	138,35	3,3			0,70	0,70	0,70	**0,64**	0,59	0,59	0,58	**0,57**	43627
3250	28,30	16	**450**	**VR573...**	8,03	8,03	8,03	**8,01**	6,37	5,08	4,04	**5,74**	51068
3430	33,46	13			6,81	6,81	6,81	**6,81**	5,71	4,56	3,62	**5,13**	53708
3570	37,64	12			6,06	6,06	6,06	**6,06**	5,29	4,22	3,35	**4,75**	55650
3650	42,62	11			5,36	5,36	5,36	**5,36**	4,87	3,89	3,10	**4,30**	57775
3690	51,97	8,7			4,40	4,40	4,40	**4,40**	4,27	3,41	2,72	**3,57**	61328
3770	58,36	7,7			3,92	3,92	3,92	**3,92**	3,89	3,22	2,57	**3,25**	63544
3860	69,00	6,5			3,32	3,32	3,32	**3,32**	3,30	2,89	2,30	**2,82**	66829
3940	77,63	5,8			2,96	2,96	2,96	**2,96**	2,94	2,68	2,13	**2,56**	69246
4010	87,90	5,1			2,62	2,62	2,62	**2,62**	2,61	2,47	1,97	**2,30**	71889
4140	107,18	4,2			2,15	2,15	2,15	**2,15**	2,15	2,12	1,72	**1,95**	76308
4250	126,81	3,5			1,82	1,82	1,82	**1,82**	1,82	1,81	1,54	**1,70**	80275
4280	143,35	3,1			1,61	1,61	1,61	**1,61**	1,61	1,60	1,42	**1,52**	83294
4290	163,77	2,7			1,41	1,41	1,41	**1,41**	1,41	1,41	1,31	**1,33**	86710
7900	58,54	7,7	**450**	**VR673...**	9,46	9,46	9,46	**9,29**	8,86	7,82	6,36	**6,79**	93772
8000	66,59	6,8			8,33	8,33	8,33	**8,25**	7,95	7,11	5,83	**6,06**	97476
8200	76,17	5,9			7,29	7,29	7,29	**7,22**	7,09	6,49	5,30	**5,43**	101486
8400	87,77	5,1			6,34	6,34	6,34	**6,34**	6,22	5,76	4,78	**4,84**	105878
8600	102,10	4,4			5,46	5,46	5,46	**5,46**	5,36	5,06	4,27	**4,27**	110759
8800	119,86	3,8			4,64	4,64	4,64	**4,64**	4,56	4,39	3,76	**3,72**	116154
8900	134,51	3,3			4,14	4,14	4,14	**4,14**	4,11	3,96	3,47	**3,35**	120244
9200	161,66	2,8			3,45	3,45	3,45	**3,45**	3,45	3,39	3,01	**2,89**	127005
9400	189,61	2,4			2,95	2,95	2,95	**2,95**	2,95	2,89	2,71	**2,52**	133254
9600	213,15	2,1			2,63	2,63	2,63	**2,63**	2,63	2,58	2,43	**2,29**	137896

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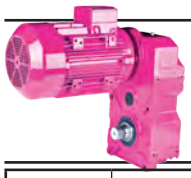

V Serisi Performans Sayfaları
V Series Performance Tables
V Serien Leistungstabellen

n_1=450

Anma Momenti *Nominal Torques* Nenndrehmo-ment **fs=1 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Giriş Devri** *Input Speeds* Antriebs-drehzahlen **n_1 [r.p.m]**	**Tipi** *Type* Typ	**P_e= Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86))** *P_e= Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86))* P_e= Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86)) **Vinç sınıfı** / *Crane Class* / Kranklasse*								**Güv. Rad. Yük Çıkış** *Per.O. Loads (Output)* Zul.Querkräfte (Abtrieb)
					M2 (1Cm)	**M3 (1Bm)**	**M4 (1Am)**	**M5 (2m)**	**M6 (3m)**	**M7 (4m)**	**M8 (5m)**	**fs=1**	
10500	49,45	9,1	**450**	**VR773...**	15,21	15,21	15,21	**15,21**	14,09	12,67	11,35	**10,64**	115764
10600	56,82	7,9			13,25	13,25	13,25	**13,25**	12,55	11,22	10,07	**9,36**	120578
10800	65,59	6,9			11,50	11,50	11,50	**11,50**	11,11	9,96	8,97	**8,28**	125805
10900	68,02	6,6			11,08	11,08	11,08	**11,08**	10,78	9,67	8,64	**8,05**	127124
11100	76,29	5,9			9,89	9,89	9,89	**9,89**	9,82	8,77	7,84	**7,32**	131487
11300	85,99	5,2			8,78	8,78	8,78	**8,78**	8,78	7,96	7,08	**6,62**	136198
11500	97,55	4,6			7,75	7,75	7,75	**7,75**	7,75	7,13	6,41	**5,94**	141381
11700	111,53	4,0			6,79	6,79	6,79	**6,79**	6,79	6,38	5,70	**5,30**	147049
12000	128,81	3,5			5,89	5,89	5,89	**5,89**	5,89	5,65	5,06	**4,71**	153436
12300	148,95	3,0			5,09	5,09	5,09	**5,09**	5,09	5,02	4,48	**4,17**	160141
12500	166,50	2,7			4,56	4,56	4,56	**4,56**	4,56	4,56	4,10	**3,80**	165523
12800	200,14	2,2			3,79	3,79	3,79	**3,79**	3,79	3,79	3,52	**3,24**	170000
13200	233,77	1,9			3,25	3,25	3,25	**3,25**	3,25	3,25	3,08	**2,86**	170000
19580	46,82	10	**450**	**VR873...**	28,8	28,8	28,8	**28,4**	27,0	24,5	20,5	**20,9**	117255
19710	53,03	8,5			25,4	25,4	25,4	**25,1**	24,3	22,1	18,8	**18,6**	125257
19900	60,33	7,5			22,4	22,4	22,4	**22,2**	21,8	19,8	17,2	**16,5**	129498
20310	69,01	6,5			19,6	19,6	19,6	**19,5**	19,2	17,7	15,7	**14,8**	135735
20480	73,09	6,2			18,5	18,5	18,5	**18,4**	18,1	16,8	15,1	**14,0**	140100
20820	81,40	5,5			16,6	16,6	16,6	**16,6**	16,3	15,3	13,8	**12,8**	140963
21170	91,16	4,9			14,9	14,9	14,9	**14,9**	14,6	13,9	12,6	**11,7**	144234
21560	102,78	4,4			13,2	13,2	13,2	**13,2**	13,0	12,6	11,4	**10,5**	147036
21980	116,84	3,9			11,6	11,6	11,6	**11,6**	11,5	11,3	10,2	**9,5**	147444
22450	134,22	3,4			10,1	10,1	10,1	**10,1**	10,1	9,9	9,1	**8,4**	149785
22900	152,83	2,9			8,9	8,9	8,9	**8,9**	8,9	8,7	8,1	**7,5**	149571
23280	170,32	2,6			8,0	8,0	8,0	**8,0**	8,0	7,9	7,4	6,9	147287

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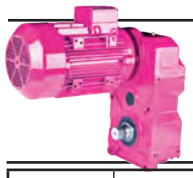

V Serisi Performans Sayfaları
V Series Performance Tables
V Serien Leistungstabellen

n_1=300

Anma Momenti *Nominal Torques* Nenndrehmo-ment **fs=1 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Giriş Devri** *Input Speeds* Antriebs-drehzahlen **n_1 [r.p.m]**	**Tipi** *Type* Typ	**P_e= Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86))** *P_e= Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86))* P_e= Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86)) **Vinç sınıfı / *Crane Class* / Kranklasse***								**Güv. Rad. Yük Çıkış** *Per.O. Loads (Output)* Zul.Querkräfte (Abtrieb)
					M2 (1Cm)	**M3 (1Bm)**	**M4 (1Am)**	**M5 (2m)**	**M6 (3m)**	**M7 (4m)**	**M8 (5m)**	**fs=1**	
490	25,44	12	**300**	**VR273...**	0,77	0,77	0,77	**0,77**	0,77	0,77	0,68	**0,65**	22649
500	30,34	9,9			0,64	0,64	0,64	**0,64**	0,64	0,64	0,59	**0,55**	21885
500	36,38	8,3			0,54	0,54	0,54	**0,54**	0,54	0,54	0,50	**0,47**	20798
340	42,22	7,1			0,47	0,43	0,37	**0,33**	0,32	0,30	0,28	**0,27**	19898
340	50,36	6,0			0,39	0,37	0,32	**0,28**	0,27	0,25	0,24	**0,23**	18590
345	60,39	5,0			0,33	0,32	0,28	**0,24**	0,23	0,21	0,20	**0,19**	17892
350	73,03	4,1			0,27	0,27	0,24	**0,21**	0,19	0,18	0,17	**0,16**	17448
350	83,46	3,6			0,24	0,24	0,22	**0,19**	0,17	0,16	0,15	**0,14**	16088
360	96,09	3,1			0,21	0,21	0,20	**0,17**	0,15	0,14	0,13	**0,13**	15482
360	113,02	2,7			0,18	0,18	0,17	**0,15**	0,13	0,12	0,11	**0,11**	14631
365	120,49	2,5			0,17	0,17	0,16	**0,14**	0,12	0,12	0,11	**0,10**	14113
370	137,94	2,2			0,15	0,15	0,15	**0,13**	0,11	0,10	0,10	**0,09**	13202
760	23,58	13	**300**	**VR373...**	1,35	1,35	1,25	**1,22**	1,17	1,12	1,04	**1,08**	21565
770	27,53	11			1,16	1,16	1,07	**1,06**	1,02	0,96	0,93	**0,94**	25271
770	32,11	9,3			0,99	0,99	0,94	**0,91**	0,90	0,83	0,81	**0,80**	26453
780	35,49	8,5			0,90	0,90	0,86	**0,82**	0,81	0,76	0,74	**0,74**	27241
780	41,42	7,2			0,77	0,77	0,75	**0,71**	0,70	0,66	0,64	**0,63**	28515
780	52,30	5,7			0,61	0,61	0,61	**0,57**	0,56	0,54	0,51	**0,50**	30543
780	57,79	5,2			0,55	0,55	0,55	**0,52**	0,51	0,50	0,46	**0,46**	31455
790	67,45	4,4			0,48	0,48	0,48	**0,46**	0,44	0,43	0,40	**0,40**	32921
790	79,34	3,8			0,41	0,41	0,41	**0,40**	0,37	0,37	0,34	**0,34**	34543
790	94,32	3,2			0,34	0,34	0,34	**0,34**	0,32	0,31	0,30	**0,28**	36368
790	106,69	2,8			0,30	0,30	0,30	**0,30**	0,28	0,28	0,27	**0,25**	37731
800	121,67	2,5			0,27	0,27	0,27	**0,27**	0,25	0,24	0,24	**0,22**	39230
1470	28,45	11	**300**	**VR473...**	2,23	2,10	1,90	**1,88**	1,84	1,82	1,60	**1,73**	30084
1490	34,28	8,8			1,86	1,79	1,63	**1,56**	1,54	1,52	1,42	**1,46**	31779
1500	41,50	7,2			1,54	1,52	1,38	**1,30**	1,29	1,26	1,24	**1,21**	33638
1530	47,37	6,3			1,35	1,35	1,23	**1,15**	1,13	1,11	1,10	**1,09**	35120
1540	54,35	5,5			1,18	1,18	1,10	**1,00**	0,99	0,97	0,96	**0,95**	36752
1540	61,85	4,9			1,04	1,04	0,99	**0,89**	0,87	0,86	0,85	**0,84**	38325
1540	70,59	4,2			0,91	0,91	0,88	**0,80**	0,77	0,76	0,75	**0,74**	40022
1550	81,00	3,7			0,79	0,79	0,79	**0,71**	0,67	0,66	0,65	**0,65**	41860
1550	95,87	3,1			0,67	0,67	0,67	**0,62**	0,57	0,56	0,55	**0,55**	44199
1560	101,48	3,0			0,63	0,63	0,63	**0,59**	0,54	0,53	0,52	**0,52**	45022
1560	121,49	2,5			0,53	0,53	0,53	**0,50**	0,46	0,45	0,44	**0,44**	47696
1570	138,35	2,2			0,47	0,47	0,47	**0,45**	0,41	0,40	0,39	**0,39**	49735
3650	28,30	11	**300**	**VR573...**	5,37	5,37	5,37	**5,37**	4,87	3,88	3,09	**4,31**	57698
3680	33,46	9,0			4,55	4,55	4,55	**4,55**	4,36	3,48	2,77	**3,68**	60680
3710	37,64	8,0			4,05	4,05	4,05	**4,05**	4,04	3,22	2,56	**3,30**	62872
3780	42,62	7,0			3,58	3,58	3,58	**3,58**	3,58	2,97	2,36	**2,97**	65270
3890	51,97	5,8			2,94	2,94	2,94	**2,94**	2,95	2,61	2,07	**2,51**	69286
4010	58,36	5,1			2,62	2,62	2,62	**2,62**	2,61	2,46	1,96	**2,31**	71793
4120	69,00	4,3			2,22	2,22	2,22	**2,22**	2,22	2,20	1,76	**2,01**	75502
4200	77,63	3,9			1,98	1,98	1,98	**1,98**	1,98	1,96	1,63	**1,82**	78234
4270	87,90	3,4			1,75	1,75	1,75	**1,75**	1,75	1,74	1,50	**1,64**	81220
4290	107,18	2,8			1,43	1,43	1,43	**1,43**	1,43	1,43	1,32	**1,35**	86216
4330	126,81	2,4			1,21	1,21	1,21	**1,21**	1,21	1,21	1,18	**1,16**	90697
4390	143,35	2,1			1,08	1,08	1,08	**1,08**	1,08	1,08	1,06	**1,04**	94049
4470	163,77	1,8			0,94	0,94	0,94	**0,94**	0,94	0,94	0,94	**0,93**	97792
8400	58,54	5,1	**300**	**VR673...**	6,32	6,32	6,32	**6,32**	6,21	4,31	4,77	**4,83**	105884
8500	66,59	4,5			5,56	5,56	5,56	**5,56**	5,46	5,11	4,40	**4,30**	110097
8700	76,17	3,9			4,87	4,87	4,87	**4,87**	4,78	4,56	3,98	**3,85**	114606
8900	87,77	3,4			4,23	4,23	4,23	**4,23**	4,19	4,04	3,62	**3,42**	119596
9100	102,10	2,9			3,64	3,64	3,64	**3,64**	3,61	3,55	3,21	**3,02**	125089
9400	119,86	2,5			3,10	3,10	3,10	**3,10**	3,10	3,05	2,82	**2,65**	131162
9500	134,51	2,2			2,77	2,77	2,77	**2,77**	2,77	2,72	2,57	**2,39**	135713
9800	161,66	1,9			2,30	2,30	2,30	**2,30**	2,30	2,26	2,18	**2,05**	143225
10000	189,61	1,6			1,97	1,97	1,97	**1,97**	1,97	1,95	1,90	**1,79**	150102
10200	213,15	1,4			1,75	1,75	1,75	**1,75**	1,75	1,75	1,72	**1,62**	155384

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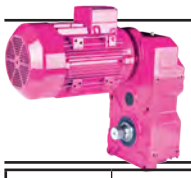


V Serisi Performans Sayfaları
V Series Performance Tables
V Serien Leistungstabellen

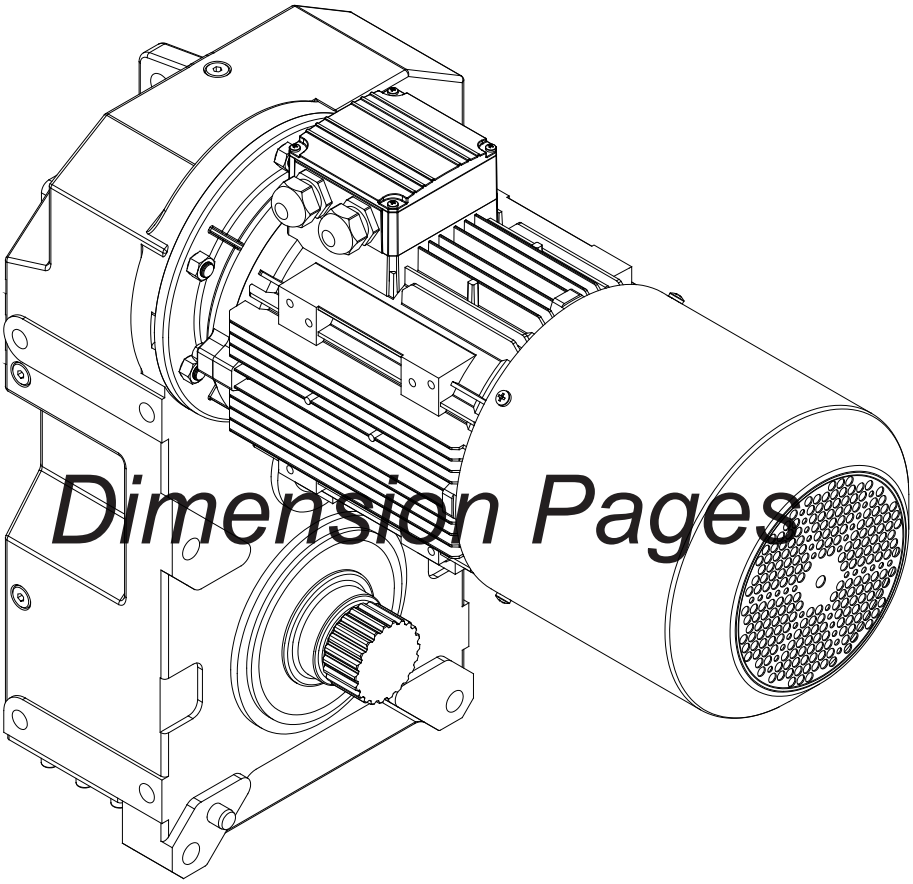
n_1=300

Anma Momenti *Nominal Torques* Nenndrehmo-ment **fs=1 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Giriş Devri** *Input Speeds* Antriebs-drehzahlen **n_1 [r.p.m]**	**Tipi** *Type* Typ	**P_e= Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86))** *P_e= Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86))* P_e= Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86)) **Vinç sınıfı** / *Crane Class* / Kranklasse*								**Güv. Rad. Yük Çıkış** *Per.O. Loads (Output)* Zul.Querkräfte (Abtrieb)
					M2 (1Cm)	**M3 (1Bm)**	**M4 (1Am)**	**M5 (2m)**	**M6 (3m)**	**M7 (4m)**	**M8 (5m)**	**fs=1**	
11000	49,45	6,1	**300**	**VR773...**	10,17	10,17	10,17	**10,17**	10,03	8,95	8,07	**7,46**	130424
11200	56,82	5,3			8,86	8,86	8,86	**8,86**	8,86	7,97	7,15	**6,62**	135847
11500	65,59	4,6			7,68	7,68	7,68	**7,68**	7,68	7,07	6,35	**5,89**	141731
11600	68,02	4,4			7,40	7,40	7,40	**7,40**	7,40	6,86	6,17	**5,73**	143264
11800	76,29	3,9			6,61	6,61	6,61	**6,61**	6,61	6,26	5,59	**5,20**	148178
12000	85,99	3,5			5,87	5,87	5,87	**5,87**	5,87	5,63	5,05	**4,69**	153485
12200	97,55	3,1			5,18	5,18	5,18	**5,18**	5,18	5,08	4,56	**4,21**	159319
12500	111,53	2,7			4,54	4,54	4,54	**4,54**	4,54	4,54	4,08	**3,78**	165751
12800	128,81	2,3			3,93	3,93	3,93	**3,93**	3,93	3,93	3,62	**3,36**	170000
13100	148,95	2,0			3,40	3,40	3,40	**3,40**	3,40	3,40	3,19	**2,97**	170000
13300	166,50	1,8			3,04	3,04	3,04	**3,04**	3,04	3,04	2,92	**2,70**	170000
13700	200,14	1,5			2,53	2,53	2,53	**2,53**	2,53	2,53	2,50	**2,31**	170000
14000	233,77	1,3			2,17	2,17	2,17	**2,17**	2,17	2,17	2,17	**2,03**	170000
20370	46,82	6,4	**300**	**VR873...**	19,3	19,3	19,3	**19,1**	18,9	17,4	15,5	**14,5**	117255
20740	53,03	5,7			17,0	17,0	17,0	**17,0**	16,7	15,7	14,1	**13,1**	125257
21150	60,33	5,0			15,0	15,0	15,0	**15,0**	14,8	14,0	12,6	**11,7**	131759
21570	69,01	4,3			13,1	13,1	13,1	**13,1**	12,9	12,5	11,3	**10,5**	135735
21770	73,09	4,1			12,4	12,4	12,4	**12,4**	12,2	11,9	10,7	**10,0**	140100
22130	81,40	3,7			11,1	11,1	11,1	**11,1**	11,0	10,8	9,8	**9,1**	143577
22510	91,16	3,3			9,9	9,9	9,9	**9,9**	9,9	9,7	8,9	**8,3**	144234
22920	102,78	2,9			8,8	8,8	8,8	**8,8**	8,8	8,7	8,1	**7,5**	147036
23380	116,84	2,6			7,8	7,8	7,8	**7,8**	7,8	7,7	7,2	**6,7**	149464
23870	134,22	2,2			6,8	6,8	6,8	**6,8**	6,8	6,7	6,4	**6,0**	149785
24340	152,83	2,0			5,9	5,9	5,9	**5,9**	5,9	5,9	5,8	**5,4**	149571
24730	170,32	1,8			5,3	5,3	5,3	**5,3**	5,3	5,3	5,2	4,9	148625

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

Notlar / *Notes* / Notizen

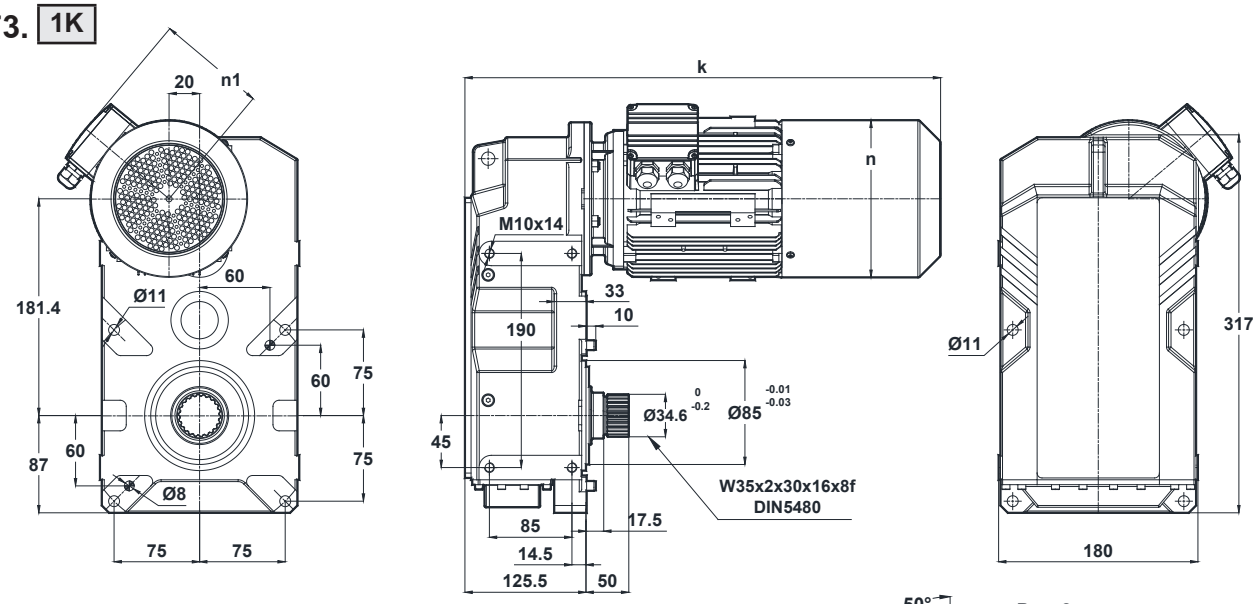
Ölçü Sayfaları



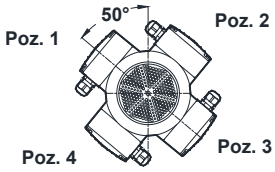
Dimension Pages

Abmessungsseiten

VR273. 1K



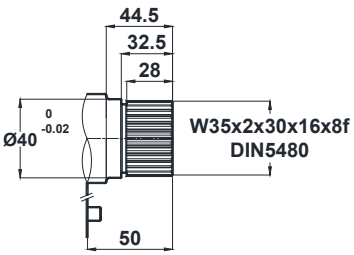
Motor Büyüklüğü / *Motor Size* / Motorbaugroße						
	63	71	80	90S	90L	100L
k	384	442	478	528	528	581
n	121	137	155	176	176	193
n1	97	112	121	132	132	147



63-71-80-90-100
Tip / *Type* / Typ

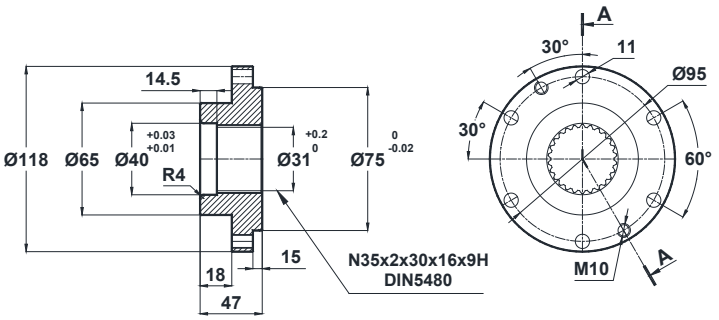
Mil Opsiyonları (DIN 5480) / *Shaft Options (DIN 5480)* / Auswählbare Wellen (DIN 5480)

1K **Standart** / *Standard* / Standard

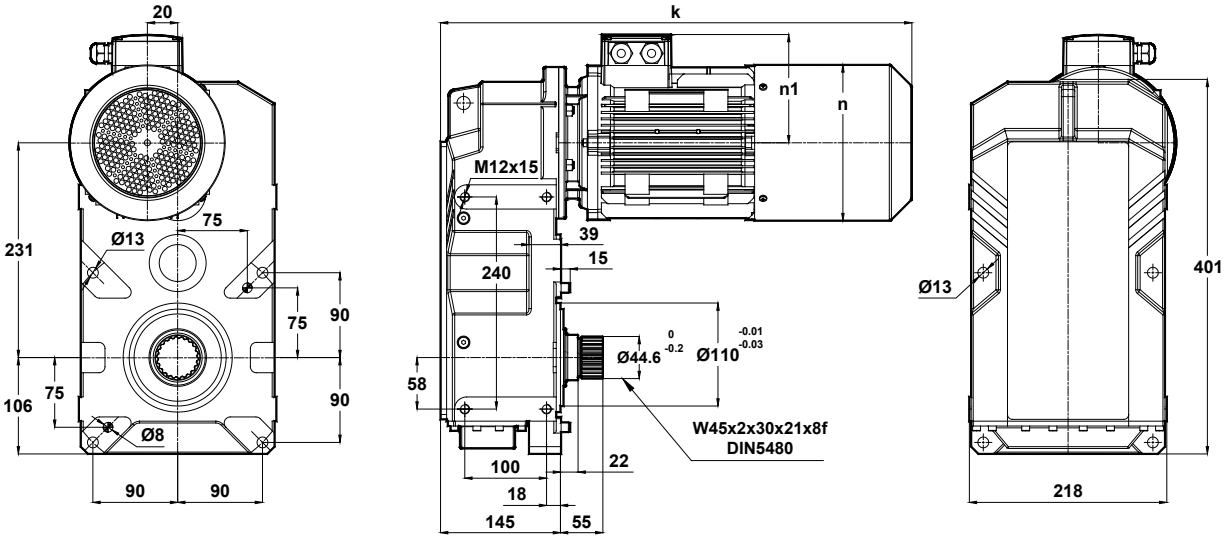


İlave Aksesuarlar / *Additional Accessories* / Zusätzliche Zubehöre

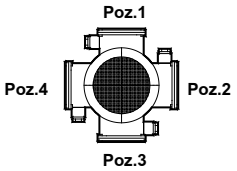
Kod / Code / Bezeichnung : **GN25.V27.FK**



VR373. 1K



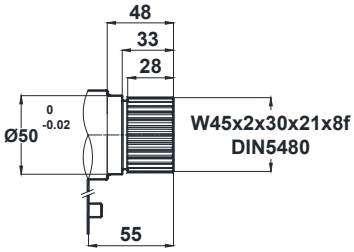
Motor Büyüklüğü / *Motor Size* / Motorbaugroße								
	71	80	90S	90L	100L	112M	132S	132M
k	456	492	542	542	595	615	723	723
n	137	155	176	176	193	215	257	257
n1	112	121	132	132	147	158	179	179



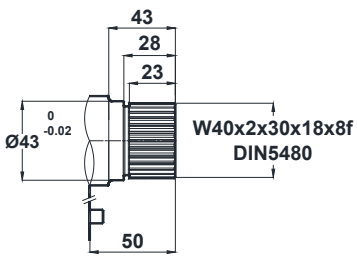
71-80-90-100-112-132
Tip / *Type* / Typ

Mil Opsiyonları (DIN 5480) / *Shaft Options (DIN 5480)* / Auswählbare Wellen (DIN 5480)

1K **Standart** / *Standard* / Standard

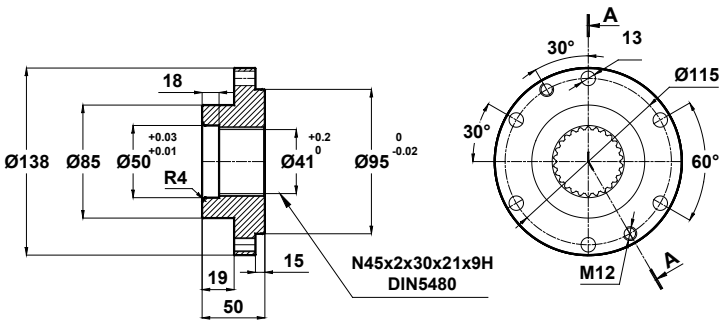


1L **Opsiyonel** / *Optional* / Auswählbar



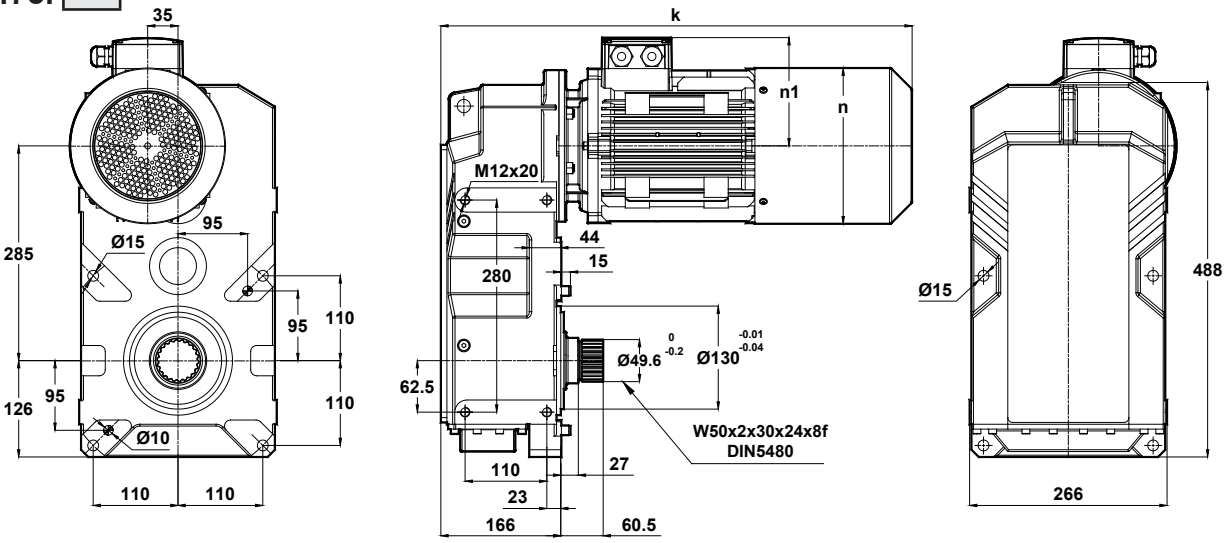
İlave Aksesuarlar / *Additional Accessories* / Zusätzliche Zubehöre

Kod / Code / Bezeichnung **: GN25.V37.FK**

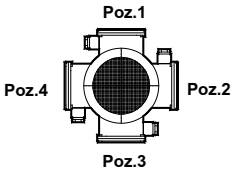


Bu flanş sadece 1K çıkış miline uygun olarak temin edilebilmektedir.
This flange can be ordered only for 1K output shaft types.
Dieser Flansch kann nur bei einer Bestellung von 1K Ausgangswelle erhalten werden.

VR473. 1K



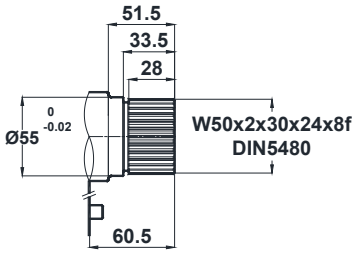
Motor Büyüklüğü / *Motor Size* / Motorbaugroße								
	90S	90L	100L	112M	132S	132M	160M	160L
k	554	554	607	627	739	739	853	853
n	176	176	193	215	257	257	315	315
n1	132	132	147	158	179	179	219	219



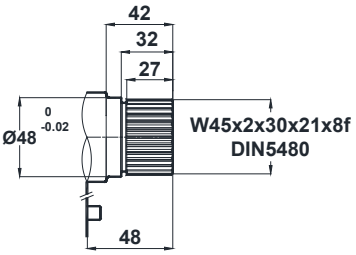
90-100-112-132-160
Tip / *Type* / Typ

Mil Opsiyonları (DIN 5480) / *Shaft Options (DIN 5480)* / Auswählbare Wellen (DIN 5480)

1K **Standart** / *Standard* / Standard

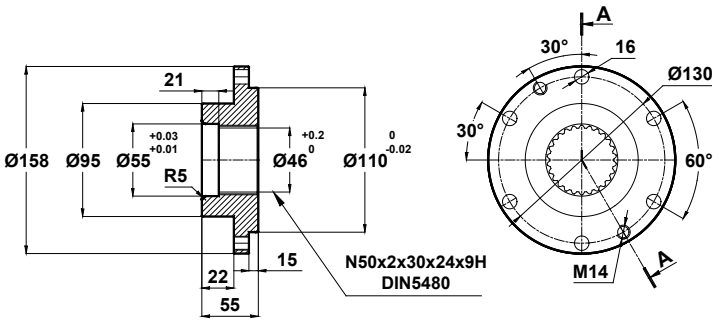


1L **Opsiyonel** / *Optional* / Auswählbar



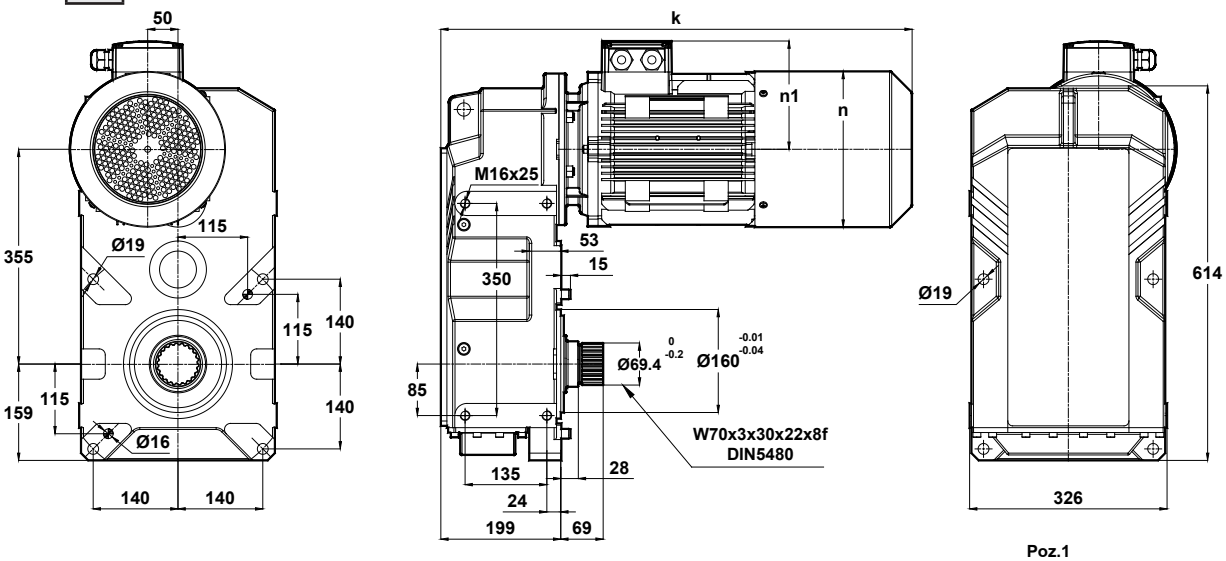
İlave Aksesuarlar / *Additional Accessories* / Zusätzliche Zubehöre

Kod / Code / Bezeichnung : **GN25.V47.FK**

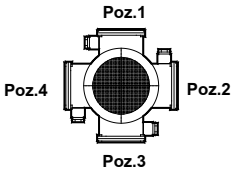


Bu flanş sadece 1K çıkış miline uygun olarak temin edilebilmektedir.
This flange can be ordered only for 1K output shaft types.
Dieser Flansch kann nur bei einer Bestellung von 1K Ausgangswelle erhalten werden.

VR573. 1K



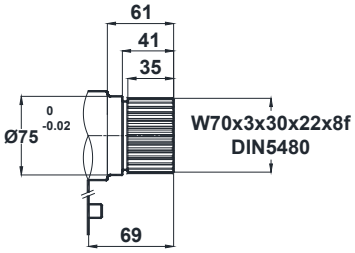
Motor Büyüklüğü / *Motor Size* / Motorbaugroße									
	90L	100L	112M	132S	132M	160M	160L	180M	180L
k	578	628	648	759	759	873	873	955	955
n	176	193	215	257	257	315	315	347	347
n1	132	147	158	179	179	219	219	234	234



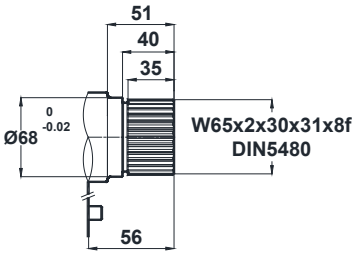
90-100-112-132-160-180
Tip / *Type* / Typ

Mil Opsiyonları (DIN 5480) / *Shaft Options (DIN 5480)* / Auswählbare Wellen (DIN 5480)

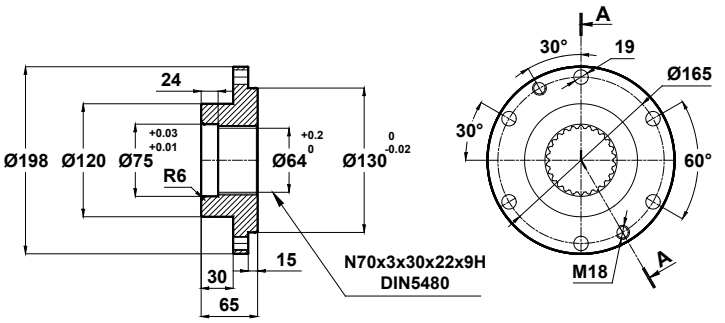
1K **Standart** / *Standard* / Standard



1L **Opsiyonel** / *Optional* / Auswählbar

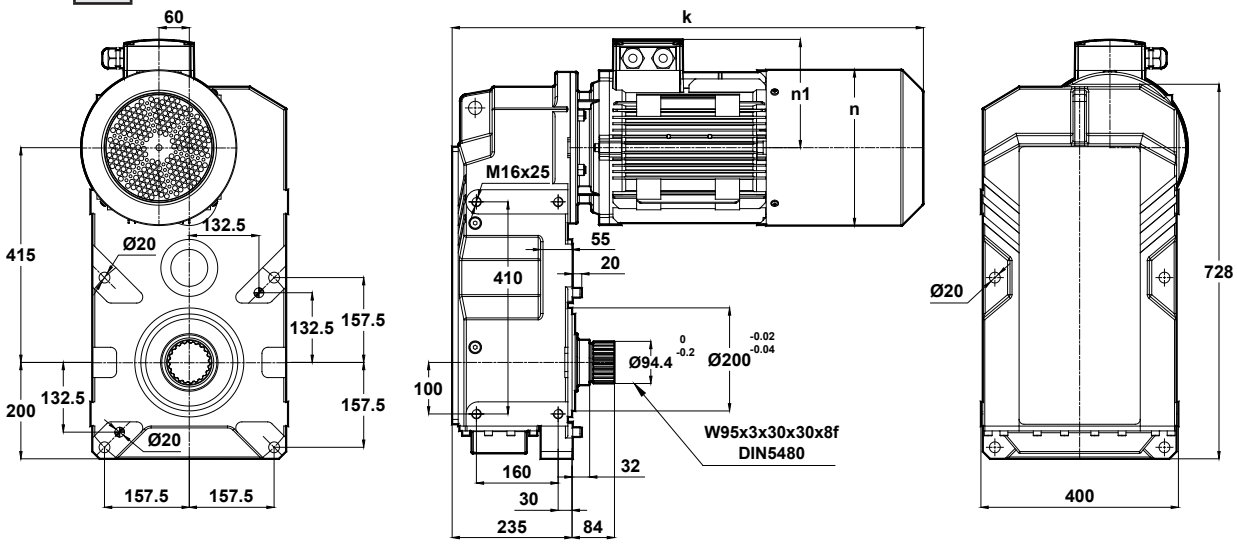


Kod / Code / Bezeichnung : **GN25.V57.FK**

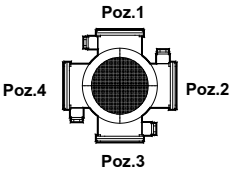


Bu flanş sadece 1K çıkış miline uygun olarak temin edilebilmektedir.
This flange can be ordered only for 1K output shaft types.
Dieser Flansch kann nur bei einer Bestellung von 1K Ausgangswelle erhalten werden.

VR673. 1K



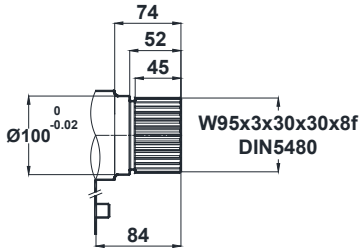
Motor Büyüklüğü / *Motor Size* / Motorbaugroße									
	100L	112M	132S	132M	160M	160L	180M	180L	200L
k	656	676	788	788	902	902	984	984	1031
n	193	215	257	257	315	315	347	347	390
n1	147	158	179	179	219	219	234	234	275



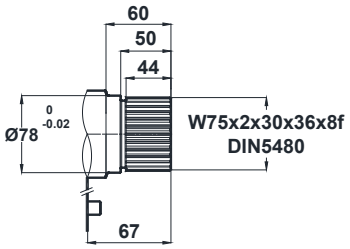
100-112-132-160-180-200
Tip / *Type* / Typ

Mil Opsiyonları (DIN 5480) / *Shaft Options (DIN 5480)* / Auswählbare Wellen (DIN 5480)

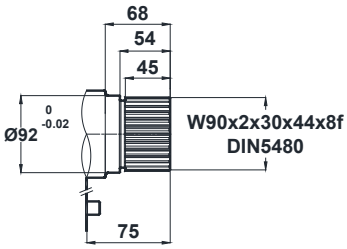
1K **Standart** / *Standard* / Standard



1L **Opsiyonel** / *Optional* / Auswählbar

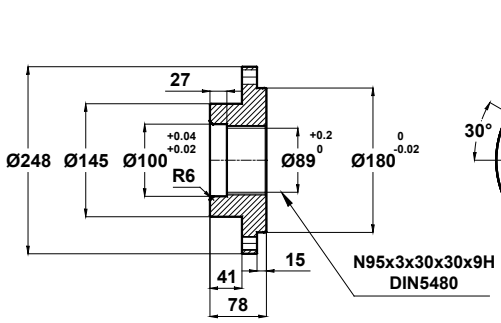


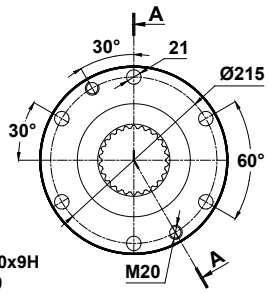
1M **Opsiyonel** / *Optional* / Auswählbar



İlave Aksesuarlar / *Additional Accessories* / Zusätzliche Zubehör

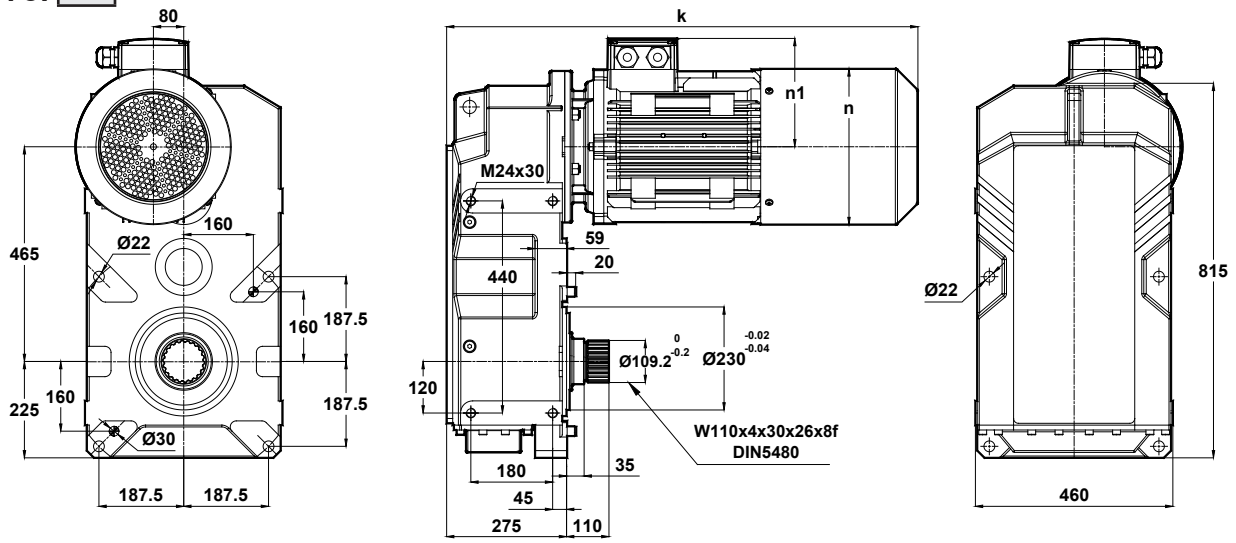
Kod / Code / Bezeichnung **: GN25.V67.FK**



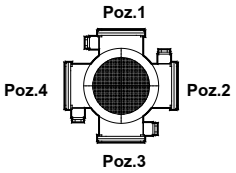


Bu flanş sadece 1K çıkış miline uygun olarak temin edilebilmektedir.
This flange can be ordered only for 1K output shaft types.
Dieser Flansch kann nur bei einer Bestellung von 1K Ausgangswelle erhalten werden.

VR773. 1K



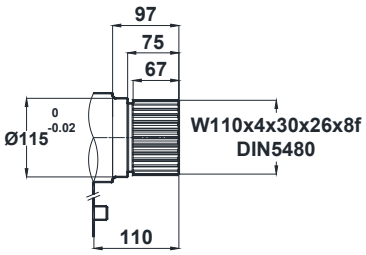
Motor Büyüklüğü / *Motor Size* / Motorbaugroße									
	132S	132M	160M	160L	180M	180L	200L	225S	225M
k	821	821	935	935	1017	1017	1064	1143	1143
n	257	257	315	315	347	347	390	434	434
n1	179	179	219	219	234	234	275	285	285



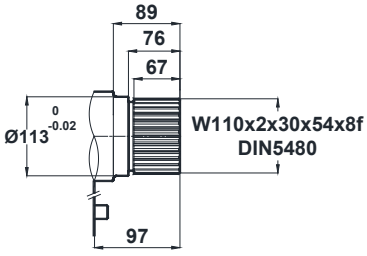
132-160-180-200-225
Tip / *Type* / Typ

Mil Opsiyonları (DIN 5480) / *Shaft Options (DIN 5480)* / Auswählbare Wellen (DIN 5480)

1K **Standart** / *Standard* / Standard

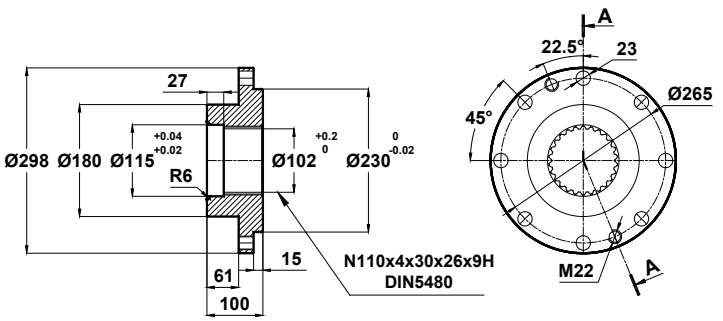


1L **Opsiyonel** / *Optional* / Auswählbar



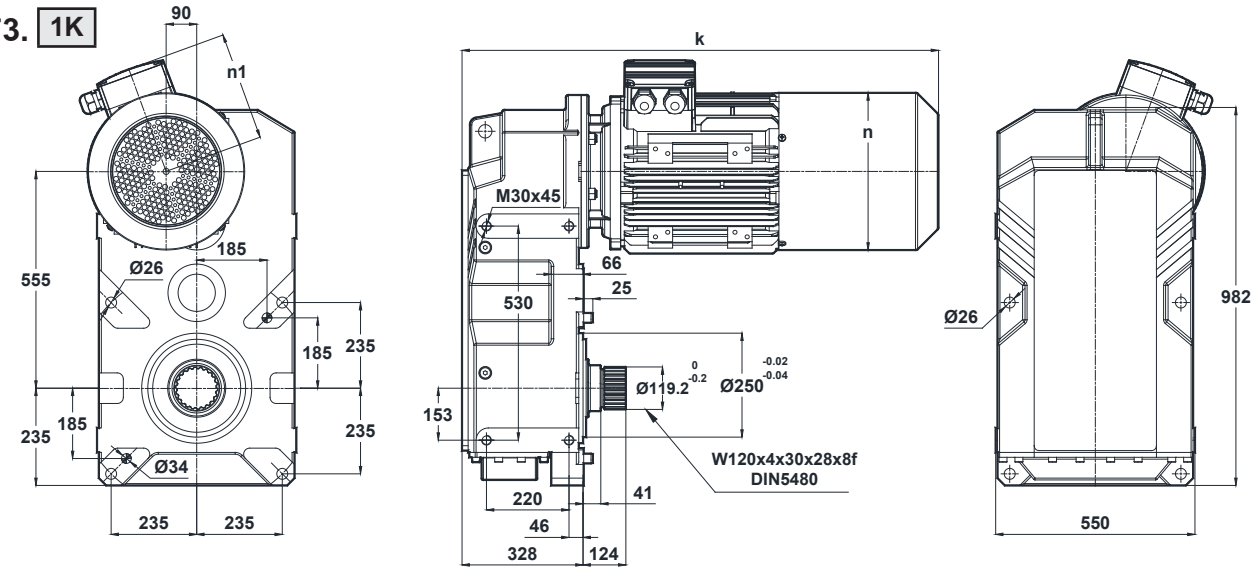
İlave Aksesuarlar / *Additional Accessories* / Zusätzliche Zubehör

Kod / Code / Bezeichnung : **GN25.V77.FK**

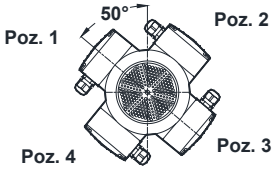


Bu flanş sadece 1K çıkış miline uygun olarak temin edilebilmektedir.
This flange can be ordered only for 1K output shaft types.
Dieser Flansch kann nur bei einer Bestellung von 1K Ausgangswelle erhalten werden.

VR873. 1K



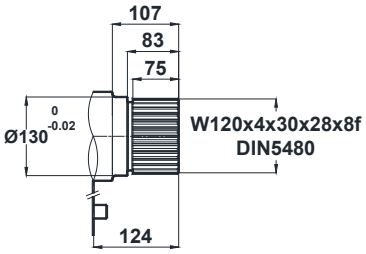
Motor Büyüklüğü / *Motor Size* / Motorbaugroße										
	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S
k	859	973	973	1055	1055	1131	1201	1201	1259	1393
n	257	315	315	347	347	390	434	434	480	544
n1	179	219	219	234	234	275	285	285	322	350



132-160-180-200-225
-250-280
Tip / *Type* / Typ

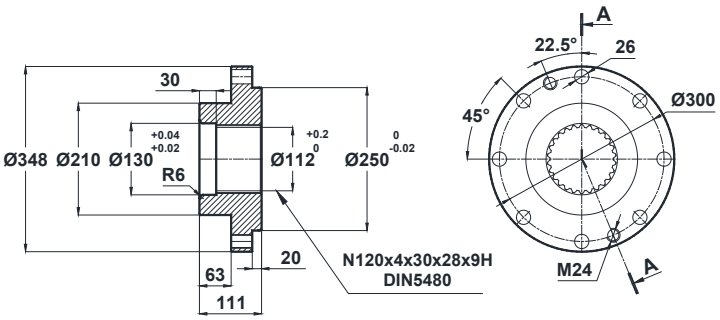
Mil Opsiyonları (DIN 5480) / *Shaft Options (DIN 5480)* / Auswählbare Wellen (DIN 5480)

1K **Standart** / *Standard* / Standard

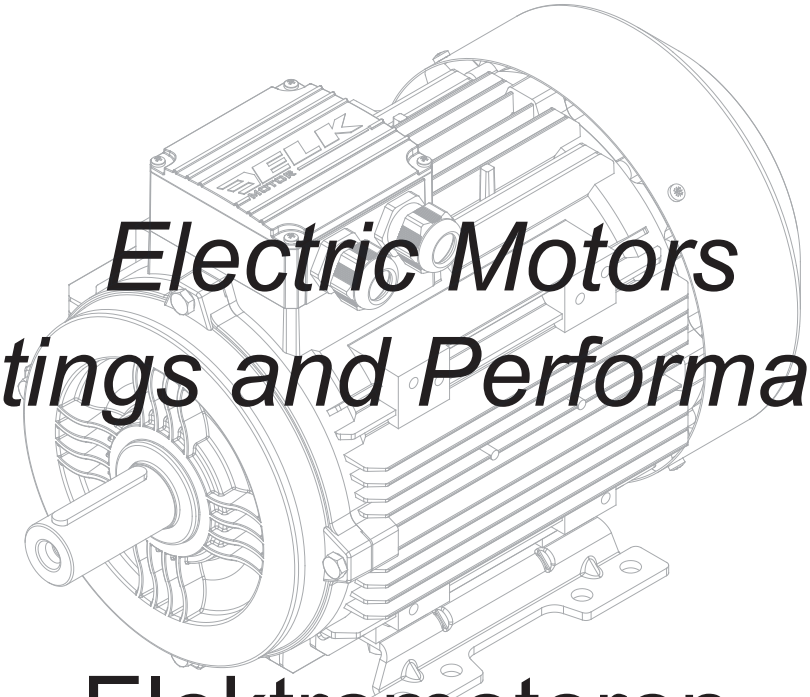


İlave Aksesuarlar / *Additional Accessories* / Zusätzliche Zubehör

Kod / Code / Bezeichnung : **GN25.V67.FK**

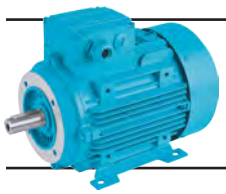


Elektrik Motorlarının Performans Değerleri



Electric Motors Ratings and Performance

Elektromotoren Leistungsdaten

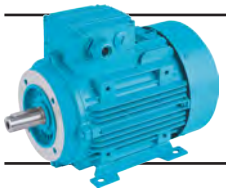


Elektrik Motorlarının Performans Değerleri
Electric Motors Ratings and Performance
Elektromotoren Leistungsdaten

400V 50Hz 3000 d/d / *400V 50Hz 3000 rpm* / 400V 50Hz 3000 UpM

IE3

Tip *Type* Typ	Tam Yük Değerleri *Full-load Data* Volllastdaten								Kalkış Değerleri *Starting Data* Startdaten		Devrilme Momenti *Breakdown Torque* Kippmoment	Atalet Momenti *Moment of Inertia* Trägheitsmoment	B3 Motor Ağırlığı *B3 Motor Weight* B3 Motor Gewicht	Ses Seviyesi *Noise Level* Geräuschpegel
	Güç *Power* Leistung	Devir *Speed* Drehzahl	Akım *Current* Nennstrom	Moment *Torque* Drehmoment	Güç Faktörü *Power Factor* Leistungsfaktor	Verim % η *Efficiency % η* Wirkungsgrad % η			Akım *Current* Nennstrom	Moment *Torque* Drehmoment				
	kW	d/d *rpm* UpM	A	Nm	Cosφ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm^2	kg	dB(A)
3E71M/2B	0,37	2830	0,86	1,25	0,81	76,6	77,0	75,0	6,0	2,8	3,0	0,00037	6,2	53
3E71M/2C	0,55	2830	1,19	1,86	0,84	79,4	80,2	78,8	6,1	2,9	3,3	0,00046	7,2	53
3E80M/2B	0,75	2880	1,59	2,49	0,84	80,7	82,0	81,5	6,7	3,0	3,6	0,00103	9,6	54
3E80M/2C	1,1	2880	2,26	3,64	0,85	82,7	83,0	82,4	6,8	3,1	3,8	0,00124	10,9	54
3E90S/2B	1,5	2900	2,97	4,94	0,86	84,8	85,4	84,2	7,6	3,1	3,9	0,00178	15,6	59
3E90L/2C	2,2	2900	4,25	7,24	0,87	85,9	86,8	86,1	7,2	3,0	3,8	0,00221	17,0	59
3E100L/2C	3	2915	5,58	9,83	0,89	87,1	87,6	86,9	7,9	3,0	4,1	0,00450	23,3	62
3E112M/2C	4	2915	7,28	13,1	0,90	88,1	88,8	88,2	7,5	2,6	3,9	0,00620	29,1	65
3E132S/2B	5,5	2945	9,9	17,83	0,90	89,2	89,0	88,6	8,9	2,9	3,9	0,01730	44,4	67
3E132S/2C	7,5	2945	13,2	24,32	0,91	90,1	90,5	89,7	8,4	2,6	4,0	0,02100	51,5	67
3E160M/2B	11	2950	19,7	35,6	0,88	91,2	91,0	90,5	8,0	2,6	3,9	0,03320	114	69
3E160M/2C	15	2950	25,9	48,55	0,91	91,9	92,1	91,6	8,9	3,1	4,2	0,03910	131	69
3E160L/2D	18,5	2945	31,7	60,00	0,91	92,4	92,7	92,3	8,9	3,1	4,2	0,04410	135	69
3E180M/2B	22	2957	38,1	71,05	0,90	92,7	92,9	92,0	8,6	2,6	3,9	0,06300	178	70
3E200L/2B	30	2970	52	96,46	0,89	93,6	93,8	93,6	8,9	3,2	3,5	0,16200	245	72
3E200L/2C	37	2970	62,6	119	0,91	93,7	93,8	93,4	9,3	3,2	3,4	0,17500	270	72
3E225M/2C	45	2975	75,6	144,4	0,91	94,3	94,6	94,0	9,8	3,5	3,9	0,25400	380	74
3E250M/2C	55	2970	93,3	176,9	0,90	94,4	94,8	94,5	8,9	3,3	3,4	0,38000	480	75
3G280S/2	75	2985	127	240	0,90	94,7	94,6	94,0	8,0	2,9	3,2	0,62000	585	76
3G280M/2	90	2985	148	288	0,92	95,0	95,0	93,7	8,2	2,9	3,0	0,74000	645	76
3G315S/2	110	2985	186	353	0,90	95,2	95,2	94,0	8,0	2,5	3,0	1,20000	742	76
3G315M/2a	132	2985	223	423	0,90	95,4	95,4	94,1	8,0	2,4	3,5	1,40000	812	79
3G315M/2b	160	2985	265	513	0,91	95,6	95,6	94,2	8,0	2,5	3,0	1,50000	912	79

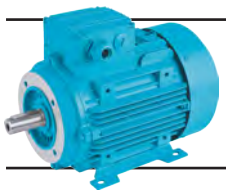


Elektrik Motorlarının Performans Değerleri
Electric Motors Ratings and Performance
Elektromotoren Leistungsdaten

400V 50Hz 1500 d/d / *400V 50Hz 1500 rpm* / 400V 50Hz 1500 UpM

IE3

Tip / *Type* / Typ	Tam Yük Değerleri / *Full-load Data* / Volllastdaten								Kalkış Değerleri / *Starting Data* / Startdaten		Devrilme Momenti / *Breakdown Torque* / Kippmoment	Atalet Momenti / *Moment of Inertia* / Trägheitsmoment	B3 Motor Ağırlığı / *B3 Motor Weight* / B3 Motor Gewicht	Ses Seviyesi / *Noise Level* / Geräuschpegel
	Güç / *Power* / Leistung	Devir / *Speed* / Drehzahl	Akım / *Current* / Nennstrom	Moment / *Torque* / Drehmoment	Güç Faktörü / *Power Factor* / Leistungsfaktor	Verim % η / *Efficiency % η* / Wirkungsgrad % η			Akım / *Current* / Nennstrom	Moment / *Torque* / Drehmoment				
	kW	d/d *rpm* UpM	A	Nm	Cosφ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm^2	kg	dB(A)
3E71M/4C	0,25	1435	0,67	1,66	0,71	76,0	75,4	71,5	5,4	2,2	3,0	0,00082	6,8	45
3E71M/4D	0,37	1435	0,97	2,46	0,70	78,5	78,2	75,0	5,5	2,2	3,1	0,00093	7,5	45
3E80M/4C	0,55	1450	1,34	3,62	0,73	80,8	80,4	77,0	5,9	2,1	3,1	0,00200	10,5	50
3E80M/4D	0,75	1450	1,77	4,94	0,74	82,5	82,3	80,0	6,2	2,5	3,4	0,00227	11,6	50
3E90S/4C	1,1	1450	2,46	7,25	0,76	84,5	84,3	82,0	7,0	2,6	3,6	0,00355	16,3	51
3E90L/4D	1,5	1450	3,3	9,88	0,77	85,3	85,2	83,0	7,2	2,8	3,8	0,00410	18,0	51
3E100L/4C	2,2	1450	4,65	14,49	0,79	86,7	87,2	86,0	7,2	2,8	3,6	0,00780	24,4	53
3E100L/4D	3	1450	6,26	19,76	0,79	87,7	88,0	87,0	7,2	2,8	3,6	0,00890	26,7	53
3E112M/4D	4	1460	8,05	26,16	0,81	88,6	88,4	87,5	7,4	2,8	3,8	0,01430	33,9	58
3E132S/4C	5,5	1460	10,65	36	0,83	89,6	90,2	90,0	7,4	2,8	3,4	0,03060	53,4	61
3E132M/4D	7,5	1465	14,4	48,9	0,83	90,4	90,4	89,4	7,9	3,0	3,8	0,03420	59,5	61
3E160M/4C	11	1470	21	71,46	0,83	91,5	92,1	91,7	7,6	2,8	3,3	0,07010	127	63
3E160L/4E	15	1470	28,7	97,45	0,82	92,1	92,4	91,9	7,8	2,8	3,6	0,08600	136	63
3E180M/4C	18,5	1475	35,0	119,8	0,82	92,6	93,2	92,9	7,7	3,0	3,3	0,12900	173	64
3E180L/4D	22	1470	41,4	142,92	0,82	93,0	93,7	93,7	8,0	3,0	3,4	0,14700	187	64
3E200L/4D	30	1475	54,5	194,20	0,85	93,6	94,1	94,0	8,0	3,0	3,4	0,28400	258	65
3E225S/4C	37	1478	65,7	239	0,87	93,9	94,5	94,5	8,3	3,2	3,3	0,38200	320	66
3E225M/4D	45	1477	80	290,9	0,86	94,2	94,7	94,7	8,6	3,3	3,2	0,44100	352	67
3E250M/4D	55	1482	95,3	354,4	0,88	94,6	95,1	95,2	8,7	3,3	3,2	0,73400	470	68
3G280S/4	75	1485	133	482	0,86	95,0	94,9	94,4	7,6	2,9	3,0	1,11000	605	67
3G280M/4	90	1485	158	579	0,86	95,2	95,2	94,8	7,4	2,9	3,0	1,32000	665	67
3G315S/4	110	1487	194	707	0,86	95,4	95,2	95,0	7,4	2,4	3,0	2,5000	861	74
3G315M/4a	132	1487	230	848	0,87	95,6	95,4	95,3	7,4	2,4	3,0	2,8000	882	74
3G315M/4b	160	1488	275	1027	0,88	95,8	95,6	95,6	6,9	2,2	2,9	3,0000	930	74

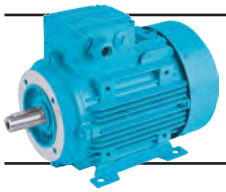


Elektrik Motorlarının Performans Değerleri
Electric Motors Ratings and Performance
Elektromotoren Leistungsdaten

400V 50Hz 1000 d/d / *400V 50Hz 1000 rpm* / 400V 50Hz 1000 UpM

IE3

Tip *Type* Typ	Tam Yük Değerleri *Full-load Data* Volllastdaten								Kalkış Değerleri *Starting Data* Startdaten		Devrilme Momenti *Breakdown Torque* Kippmo-ment	Atalet Momenti *Moment of Inertia* Trägheits-moment	B3 Motor Ağırlığı *B3 Motor Weight* B3 Motor Gewicht	Ses Seviyesi *Noise Level* Geräusch-pegel
	Güç *Power* Leistung	Devir *Speed* Drehzahl	Akım *Current* Nennstrom	Moment *Torque* Drehmoment	Güç Faktörü *Power Factor* Leistungsfaktor	Verim % η *Efficiency % η* Wirkungsgrad % η			Akım *Current* Nennstrom	Moment *Torque* Drehmoment				
	kW	d/d *rpm* UpM	A	Nm	Cosφ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm^2	kg	dB(A)
3E71M/6C	0,18	930	0,55	1,85	0,69	68,0	67,4	62,6	3,6	2,0	2,4	0,00096	6,7	41
3E71M/6D	0,25	930	0,77	2,57	0,67	70,0	69,7	66,0	3,6	2,2	2,5	0,00116	7,5	41
3E80M/6B	0,37	930	1,03	3,8	0,70	74,0	73,8	70,0	4,4	2,1	2,6	0,00202	9,8	43
3E80M/6C	0,55	935	1,47	5,62	0,70	77,2	77,3	74,4	4,3	2,2	2,7	0,00228	10,6	43
3E90S/6B	0,75	945	1,96	7,58	0,70	78,9	79,2	77,6	4,7	2,2	2,7	0,00354	14,6	46
3E90L/6C	1,1	940	2,75	11,2	0,71	81,0	80,8	79,4	5,0	2,2	2,7	0,00428	17,0	46
3E100L/6B	1,5	955	3,5	15	0,75	82,5	82,7	81,4	5,3	2,1	2,8	0,00820	22,5	50
3E112M/6B	2,2	965	4,95	21,7	0,76	84,3	84,5	83,5	5,5	2,2	3,0	0,01320	27,2	56
3E132S/6B	3	970	6,55	29,4	0,77	85,6	85,5	84,5	6,2	2,1	3,0	0,03050	46,5	58
3E132M/6C	4	970	8,52	39,4	0,78	86,8	87,0	85,5	6,2	2,2	3,0	0,03500	51,0	58
3E132M/6D	5,5	970	11,55	54,15	0,78	88,0	88,9	88,5	6,2	2,2	3,0	0,03940	56,0	58
3E160M/6D	7,5	972	15,55	73,68	0,78	89,1	89,4	88,4	6,3	2,6	3,0	0,07870	135	61
3E160L/6E	11	972	22,9	108,07	0,77	90,3	90,9	90,5	6,6	2,9	3,3	0,08580	144	62
3E180L/6E	15	975	30,8	146,92	0,77	91,2	91,6	91,0	6,7	2,9	3,1	0,15300	187	63
3E200L/6C	18,5	977	36,4	180,8	0,80	91,7	91,8	91,8	6,1	2,6	2,6	0,36100	225	64
3E200L/6D	22	978	42,5	214,8	0,81	92,2	92,9	93,0	6,2	2,6	2,7	0,39400	245	64
3E225S/6C	30	985	57,6	290,8	0,81	92,9	92,9	92,6	6,6	2,6	2,7	0,64000	330	65
3E250M/6C	37	988	68,8	357,6	0,83	93,4	93,6	93,5	6,8	2,7	2,8	1,06000	450	65
3G280S/6	45	990	92	434	0,75	93,7	93,7	92,9	6,9	3,0	2,8	1,5000	553	65
3G280M/6	55	990	107	531	0,79	94,1	94,1	92,8	7,3	3,3	3,2	1,7000	578	65
3G315S/6	75	992	140	722	0,82	94,6	94,6	94,4	7,2	2,7	3,0	2,9000	805	72
3G315M/6a	90	992	166	866	0,83	94,9	94,9	94,5	7,2	2,7	3,0	3,5000	860	72
3G315M/6b	110	992	198	1058	0,84	95,1	95,1	94,9	7,2	2,7	3,0	4,2000	980	72
3G315L/6	132	992	235	1270	0,85	95,4	95,4	95,2	7,2	2,7	3,0	4,3000	1150	72
3G355M/6a	160	993	290	1538	0,83	95,6	95,6	95,0	7,0	2,4	3,2	6,8000	1185	72



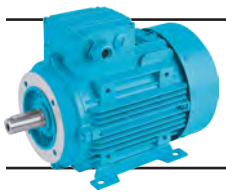
Elektrik Motorlarının Performans Değerleri
Electric Motors Ratings and Performance
Elektromotoren Leistungsdaten

400V 50Hz 3000 d/d / *400V 50Hz 3000 rpm* / 400V 50Hz 3000 UpM

IE2

Tip *Type* Typ	Tam Yük Değerleri *Full-load Data* Volllastdaten								Kalkış Değerleri *Starting Data* Startdaten		Devrilme Momenti *Breakdown Torque* Kippmoment	Atalet Momenti *Moment of Inertia* Trägheitsmoment	B3 Motor Ağırlığı *B3 Motor Weight* B3 Motor Gewicht	Ses Seviyesi *Noise Level* Geräuschpegel
	Güç *Power* Leistung	Devir *Speed* Drehzahl	Akım *Current* Nennstrom	Moment *Torque* Drehmoment	Güç Faktörü *Power Factor* Leistungsfaktor	Verim % η *Efficiency % η* Wirkungsgrad % η			Akım *Current* Nennstrom	Moment *Torque* Drehmoment				
	kW	d/d *rpm* UpM	A	Nm	Cosφ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm^2	kg	dB(A)
G56/2b*	0,12	2800	0,35	0,41	0,74	64,5	64,1	56,9	4,2	2,5	2,8	0,00012	2,8	42
G63/2a*	0,18	2820	0,5	0,61	0,73	64,4	64,2	57,7	4,6	2,9	2,9	0,00011	3,6	52
G63/2b*	0,25	2840	0,67	0,84	0,63	67,3	67,1	60,9	4,5	2,5	2,9	0,00013	4,0	52
2E71M/2A	0,37	2790	0,9	1,26	0,80	74,2	74,5	72,5	5,0	2,5	2,8	0,00031	5,5	54
2E71M/2B	0,55	2790	1,27	1,88	0,82	75,8	77,0	76,0	5,0	2,8	2,9	0,00037	6,3	54
2E80M/2A	0,75	2850	1,67	2,51	0,83	78,0	79,0	77,5	5,7	2,5	3,0	0,00089	8,7	56
2E80M/2B	1,1	2850	2,36	3,69	0,84	80,1	81,3	80,7	5,8	2,7	3,1	0,00103	9,7	56
2E90S/2A	1,5	2880	3,17	4,98	0,83	82,5	82,6	82,0	6,0	2,4	3,3	0,00152	14,1	60
2E90L/2B	2,2	2860	4,48	7,35	0,85	83,2	85,0	85,0	6,0	2,6	3,1	0,00178	15,5	60
2E100L/2B	3	2900	5,8	9,88	0,88	84,8	85,2	84,7	7,0	2,6	3,4	0,00380	20,8	63
2E112M/2A	4	2910	7,5	13,13	0,89	86,5	87,1	86,8	7,0	2,4	3,6	0,00530	25,7	66
2E132S/2A	5,5	2935	10,2	17,90	0,88	88,2	88,4	87,6	7,9	2,8	3,9	0,01550	41	68
2E132S/2B	7,5	2925	13,6	24,5	0,90	88,5	88,8	88,6	7,6	2,6	3,9	0,01730	45,2	68
2E160M/2A	11	2940	19,6	35,73	0,90	89,8	90,0	89,0	7,4	2,7	3,6	0,02920	107	70
2E160M/2B	15	2935	26,9	48,8	0,89	90,3	91,0	90,7	7,0	2,6	3,5	0,03320	113	70
2E160L/2C	18,5	2935	32,2	60,19	0,91	91,1	91,5	91,0	8,2	2,9	3,8	0,03910	130	70
2E180M/2A	22	2955	39,00	71,1	0,89	91,4	91,6	90,6	7,9	2,6	3,6	0,06300	163	71
2E200L/2A	30	2965	52	96,63	0,90	92,4	92,7	92,2	8,0	2,9	3,1	0,14600	230	74
2E200L/2B	37	2965	64	119,2	0,90	92,7	93,2	93,0	8,4	3,1	3,3	0,16200	240	75
2E225M/2B	45	2970	77,4	144,7	0,90	93,2	93,5	93,0	8,6	2,7	3,7	0,22000	310	75
2E250M/2B	55	2970	94,5	176,8	0,90	93,3	93,6	93,1	7,9	2,7	3,6	0,32800	440	77
2G280S/2	75	2980	127	240	0,91	93,9	94,1	92,5	8,0	2,9	3,2	0,62000	585	76
2G280M/2	90	2980	151	288	0,91	94,2	94,2	92,7	8,5	2,7	3,0	0,74000	645	76
2G315S/2	110	2980	186	353	0,91	94,3	94,3	92,8	8,0	2,5	3,0	1,20000	742	79
2G315M/2a	132	2980	223	423	0,90	94,6	94,5	92,9	8,0	2,5	3,0	1,40000	812	79
2G315M/2b	160	2980	266	513	0,92	94,8	94,8	93,4	8,0	2,5	3,0	1,50000	912	79

* : **IE1 Verisi** / *IE1 Data* / IE1 Daten



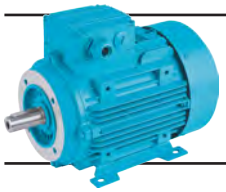
Elektrik Motorlarının Performans Değerleri
Electric Motors Ratings and Performance
Elektromotoren Leistungsdaten

400V 50Hz 1500 d/d / *400V 50Hz 1500 rpm* / 400V 50Hz 1500 UpM

IE2

Tip *Type* Typ	Tam Yük Değerleri *Full-load Data* Volllastdaten								Kalkış Değerleri *Starting Data* Startdaten		Devrilme Momenti *Breakdown Torque* Kippmoment	Atalet Momenti *Moment of Inertia* Trägheitsmoment	B3 Motor Ağırlığı *B3 Motor Weight* B3 Motor Gewicht	Ses Seviyesi *Noise Level* Geräuschpegel
	Güç *Power* Leistung	Devir *Speed* Drehzahl	Akım *Current* Nennstrom	Moment *Torque* Drehmoment	Güç Faktörü *Power Factor* Leistungsfaktor	Verim % η *Efficiency % η* Wirkungsgrad % η			Akım *Current* Nennstrom	Moment *Torque* Drehmoment				
	kW	d/d *rpm* UpM	A	Nm	Cosφ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm^2	kg	dB(A)
G63/4a*	0,12	1365	0,41	0,84	0,74	57,1	57,1	53,3	3,1	2,0	2,2	0,00017	3,4	43
G63/4b*	0,18	1340	0,6	1,28	0,73	59,7	59,7	55,8	2,9	2,0	2,0	0,00021	3,9	43
2E71M/4B	0,25	1425	0,71	1,68	0,69	74,0	73,5	70,5	4,4	2,0	3,0	0,00067	5,9	46
2E71M/4C	0,37	1425	1,0	2,47	0,70	76,1	75,5	71,5	4,6	2,0	3,0	0,00082	6,7	46
2E80M/4B	0,55	1440	1,45	3,65	0,71	77,1	76,7	75,0	5,2	2,0	3,0	0,00175	9,7	50
2E80M/4C	0,75	1440	1,95	4,97	0,70	79,6	79,2	77,0	5,2	2,0	3,0	0,00200	10,5	50
2E90S/4B	1,1	1440	2,6	7,3	0,75	81,4	81,4	80,5	5,6	2,2	3,1	0,00281	14,4	52
2E90L/4C	1,5	1440	3,4	9,95	0,77	82,8	83,0	82,0	6,0	2,3	3,2	0,00356	17,2	52
2E100L/4B	2,2	1445	4,85	14,6	0,78	84,3	85,3	84,2	6,0	2,4	3,2	0,00634	22,7	54
2E100L/4C	3	1440	6,42	19,89	0,79	85,5	85,7	84,6	6,3	2,4	3,3	0,00775	24,2	54
2E112M/4C	4	1450	8,2	26,35	0,81	86,8	87,4	86,5	6,6	2,5	3,4	0,00122	32	58
2E132S/4B	5,5	1455	11,2	36,1	0,81	87,7	88,6	88,0	6,7	2,6	3,2	0,02520	47,8	62
2E132M/4C	7,5	1460	15,1	49	0,81	88,7	89,0	89,0	7,0	2,7	3,3	0,03060	54,8	62
2E160M/4B	11	1465	21,3	71,7	0,83	89,8	90,3	89,5	6,9	2,4	3,0	0,05800	114	65
2E160L/4C	15	1460	28,8	98,12	0,83	90,6	91,3	90,9	6,9	2,6	3,0	0,07000	132	65
2E180M/4B	18,5	1465	34,9	120,6	0,84	91,2	91,5	91,4	6,9	2,5	3,0	0,11100	158	65
2E180L/4C	22	1465	41,4	143,4	0,84	91,6	91,7	91,5	7,1	2,6	3,2	0,12900	174	65
2E200L/4C	30	1475	55,5	194,24	0,85	92,3	93,0	93,2	7,6	3,0	3,1	0,23300	241	65
2E225S/4C	37	1475	66	239,5	0,87	93,0	93,8	93,8	7,8	3,0	3,1	0,33900	297	66
2E225M/4C	45	1475	80	291,4	0,87	93,1	94,0	94,3	7,8	3,0	3,0	0,38200	333	66
2E250M/4C	55	1478	95,5	355,4	0,89	93,5	94,3	94,4	7,9	3,2	3,0	0,62400	430	68
2G280S/4	75	1485	133	482	0,87	94,0	94,1	93,4	7,9	2,6	2,8	1,11000	605	67
2G280M/4	90	1485	158	579	0,87	94,3	94,5	93,8	7,4	2,9	3,0	1,32000	665	67
2G315S/4	110	1485	195	707	0,86	94,5	94,5	93,8	7,0	2,3	2,6	2,10000	784	74
2G315M/4a	132	1485	235	849	0,86	94,7	94,5	93,8	7,0	2,3	2,6	2,50000	861	74
2G315M/4b	160	1485	280	1029	0,87	95,0	94,9	94,0	7,0	2,3	2,6	2,70000	882	74

* : **IE1 Verisi** / *IE1 Data* / IE1 Daten

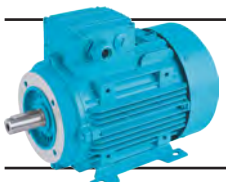


Elektrik Motorlarının Performans Değerleri
Electric Motors Ratings and Performance
Elektromotoren Leistungsdaten

400V 50Hz 1000 d/d / *400V 50Hz 1000 rpm* / 400V 50Hz 1000 UpM

IE2

Tip *Type* Typ	Tam Yük Değerleri *Full-load Data* Volllastdaten								Kalkış Değerleri *Starting Data* Startdaten		Devrilme Momenti *Breakdown Torque* Kippmoment	Atalet Momenti *Moment of Inertia* Trägheitsmoment	B3 Motor Ağırlığı *B3 Motor Weight* B3 Motor Gewicht	Ses Seviyesi *Noise Level* Geräuschpegel
	Güç *Power* Leistung	Devir *Speed* Drehzahl	Akım *Current* Nennstrom	Moment *Torque* Drehmoment	Güç Faktörü *Power Factor* Leistungsfaktor	Verim % η *Efficiency % η* Wirkungsgrad % η			Akım *Current* Nennstrom	Moment *Torque* Drehmoment				
	kW	d/d *rpm* UpM	A	Nm	Cosφ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm^2	kg	dB(A)
2E71M/6B	0,18	920	0,6	1,87	0,67	64,5	63,0	57,0	3,2	1,9	2,3	0,00076	5,9	42
2E71M/6C	0,25	920	0,78	2,59	0,69	66,5	66,0	61,0	3,3	1,9	2,3	0,00096	6,6	42
2E80M/6A	0,37	925	1,08	3,82	0,69	71,4	71,5	70,0	4,0	2,0	2,6	0,00176	9,1	45
2E80M/6B	0,55	932	1,5	5,64	0,72	73,5	74,0	71,0	4,2	2,1	2,6	0,00202	9,9	45
2E90S/6A	0,75	940	2,0	7,62	0,71	75,9	76,1	73,1	4,1	2,0	2,6	0,00229	13,3	48
2E90L/6B	1,1	940	2,9	11,18	0,70	78,1	78,3	75,0	4,3	2,1	2,6	0,00354	14,8	48
2E100L/6A	1,5	950	3,72	15	0,73	79,8	80,2	79,5	4,5	2,1	2,6	0,00680	20,2	52
2E112M/6A	2,2	960	5,32	21,9	0,73	81,8	82,0	81,5	5,3	2,1	2,7	0,01170	25	56
2E132S/6A	3	970	6,85	29,6	0,76	83,3	84,0	83,0	5,6	2,0	2,8	0,02610	42	60
2E132M/6B	4	970	8,8	39,38	0,77	85,2	85,7	85,3	5,2	2,1	2,6	0,03050	46	60
2E132M/6C	5,5	965	12	54,4	0,77	86,0	87,2	87,0	5,7	2,1	2,7	0,03500	51	60
2E160M/6B	7,5	972	16,3	73,68	0,76	87,2	88,1	87,7	5,6	2,4	2,7	0,05700	113	63
2E160L/6D	11	970	22,95	108,3	0,78	88,7	90,0	89,9	6,0	2,5	2,9	0,07870	136	63
2E180L/6D	15	975	31	146,9	0,78	89,7	90,5	90,2	6,2	2,5	2,9	0,13500	175	64
2E200L/6B	18,5	977	36,5	180,8	0,81	90,4	90,5	90,7	6,3	2,5	2,6	0,30100	205	64
2E200L/6C	22	978	43	214,8	0,81	91,1	91,3	91,2	6,2	2,5	2,6	0,33400	215	64
2E225S/6B	30	980	57,6	292,2	0,82	91,7	91,8	90,8	6,6	2,6	2,7	0,62800	305	65
2E250M/6B	37	982	69,6	359,8	0,83	92,3	92,6	92,5	6,8	2,7	2,8	0,95000	390	66
2G280S/6	45	990	92	434	0,76	92,7	92,7	90,9	7,0	3,3	2,6	1,50000	553	65
2G280M/6	55	990	107	531	0,80	93,1	93,1	91,5	7,0	3,3	2,6	1,60000	578	65
2G315S/6	75	990	140	723	0,82	93,7	93,7	92,4	7,0	2,5	3,0	2,50000	727	72
2G315M/6a	90	990	166	868	0,83	94,0	94,0	92,6	7,0	2,5	3,0	3,10000	805	72
2G315M/6b	110	990	198	1061	0,85	94,3	94,3	92,7	7,0	2,5	3,0	3,20000	860	72
2G315L/6a	132	990	235	1273	0,86	94,6	94,6	93,0	7,0	2,5	3,0	3,50000	1020	72
2G315L/6b	160	990	290	1543	0,84	94,8	94,8	93,2	7,0	2,5	3,0	3,80000	1120	72



Elektrik Motorlarının Performans Değerleri

Electric Motors Ratings and Performance

Elektromotoren Leistungsdaten

Notlar / *Notes* / Notizen

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