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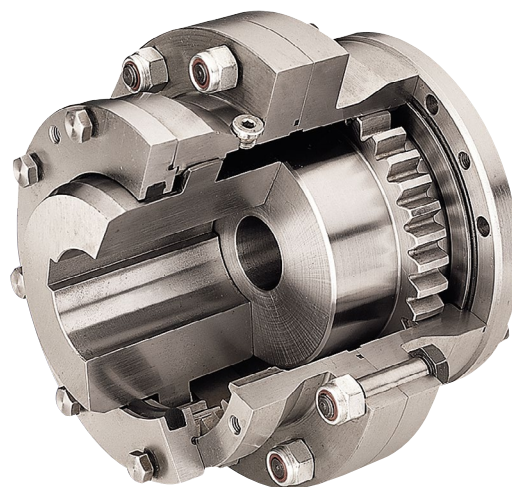
CHAIN & DRIVES®
COMPLETE BEARINGS
& POWER TRANSMISSION

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**CROWNED TOOTH
GEAR COUPLINGS
TYPE MT**



EXPERIENCE,
INNOVATION AND
CLOSE COOPERATION
WITH LEADING
INTERNATIONAL
COMPANIES.

JAURE® COUPLINGS AND POWER TRANSMISSION SOLUTIONS

We are a leading supplier of couplings and power transmission solutions. Experience, manufacturing expertise, innovation and close cooperation with leading international companies enable us to provide customized solutions to our customers

For over 50 years, we have developed couplings for the most demanding applications in marine, wind, energy, steel, railway and paper industries among others.

We have a broad range of manufacturing capabilities, particularly with respect to power and speed. We continue developing new products for future challenges.

The integration of Kop-Flex® and Jaure coupling products has added to our ability to apply technical expertise in providing answers, products and services to our customers for their many varied applications globally.

MT GEAR COUPLING INTRODUCTION

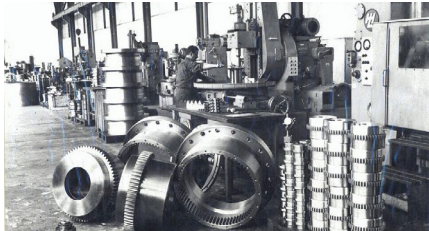
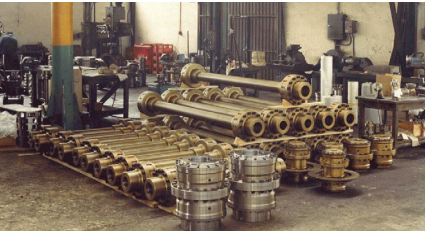
JAURE® MT Crowned Tooth Gear Couplings

Jaure flexible couplings trace their roots to a 1958 machining workshop in one of the most industrialized areas of Spain-an area with a strong steel and iron tradition. Jaure® flexible coupling manufacturing activity as it is known nowadays started back in 1970 with the production of the first gear coupling MS model.

Over the last 50 years, the design of Jaure® gear couplings has improved progressively and continuously, from the MS series, to the MN series, to the HA series, and, most recently, to the Jaure® MT gear coupling design.

Equivalent sizes of the various models of Jaure® gear couplings:

| Industrial MT | Marine MT | HA | MS | MN |
|---------------|-----------|----|-----|-----|
| 52 | 42 | 10 | 5 | 5 |
| 62 | 55 | 15 | 10 | 10 |
| 78 | 70 | 20 | 20 | 20 |
| 98 | 90 | 25 | 35 | 35 |
| 112 | 100 | 30 | 60 | 60 |
| 132 | 125 | 35 | 105 | 105 |
| 156 | 145 | 40 | 150 | 150 |
| 174 | 165 | 45 | 210 | 210 |
| 190 | 185 | 50 | 325 | 325 |
| 210 | 205 | 55 | 430 | 430 |
| 233 | 230 | 60 | 600 | 600 |
| 275 | 260 | 70 | 800 | 800 |



Thousands of Jaure gear couplings are operating today in the toughest applications such as steel mills, pulp and paper, mining, cement, marine drives, wind turbines, etc.

MT gear couplings are the most compact coupling solution for critical applications that demand high torque transmission.



Main advantages of MT gear couplings

- Jaure® couplings offer maximum torque capacity. This is due to the optimum pitch diameter of the gears, providing reliability.
- High permissible hub bore allows more favorable size selection of the coupling for a certain shaft diameter. This offers an important economic saving.
- High permissible additional loads for starting and short-circuit peak torque.
- Highest gear accuracy and quality thanks to the production improvements obtained with new CNC gear cutting machines and automatic change systems.
- The design, manufacture and sale of all Jaure's gear couplings and drive components are integrated into our quality system. This is according to ISO 9001 and certified by DET NORSKE VERITAS (DNV).
- The Jaure MT coupling standard range meets the AGMA standard, meaning that the MT coupling sleeves and drilled holes will fit any AGMA coupling halves. This ensures the interchangeability by coupling halves.

Custom made couplings

Special designs according to customer needs often come from close cooperation with our R&D and engineering departments. Special solutions are normally based on the use of special seals and alloyed steels subjected to surface hardening treatments, such as:

- Nitriding
- Case carburizing
- Induction hardening

In addition to our R&D department validation procedures, MT gear couplings are analysed by specific software based on FEA. We also collaborate with technological centres, which combined with our worldwide network of technical experts, enables us to provide innovative engineered solutions to our customers.

Marine Type Approval & Manufacturing Survey Arrangement






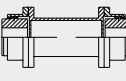
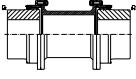
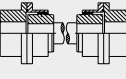




The Jaure MT gear couplings can be also delivered on demand with the type 3.2 Inspection Certificate of any marine classification society.








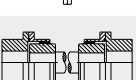

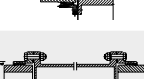
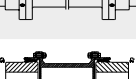
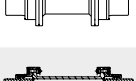
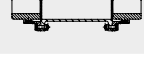

We have also been awarded the Manufacturing Survey Arrangement (MSA) from DNV. The MSA certificate shows our commitment to continuously improve the service and response time to our customers and remain competitive in the industry.



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MT GEAR COUPLING DESCRIPTION

The MT gear coupling is a steel double-joint coupling. Its main function is to transmit torque and, at the same time, accommodate the misalignment between two shafts.

The MT coupling is torsionally stiff and formed by two crowned hubs which engage two flanged sleeves with internal straight parallel teeth (see coupling parts at Fig n°1).

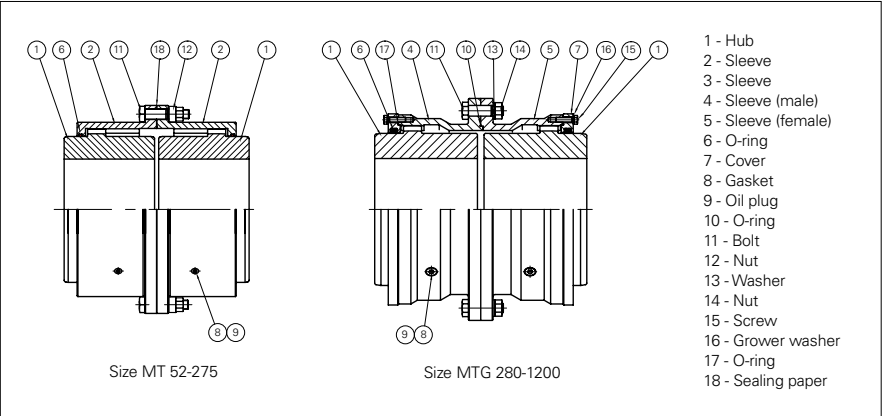


Fig. n.° 1. Coupling components.

As a result of the teeth curvature, if shafts misalignment occurs, the crowned teeth hubs can oscillate in the flanged sleeve (see Fig n°2).

It is impossible to have corner pressure even at maximum misalignment. The combined tip and flank centering and fully machined coupling ensure smooth operation.

In case of high rotation speed (circumferential speeds exceeding 40 m/s or sensitive supports to unbalance), dynamic balancing is required.

The teeth are machined with precision gear machines in order to assure uniform contact on all the teeth.

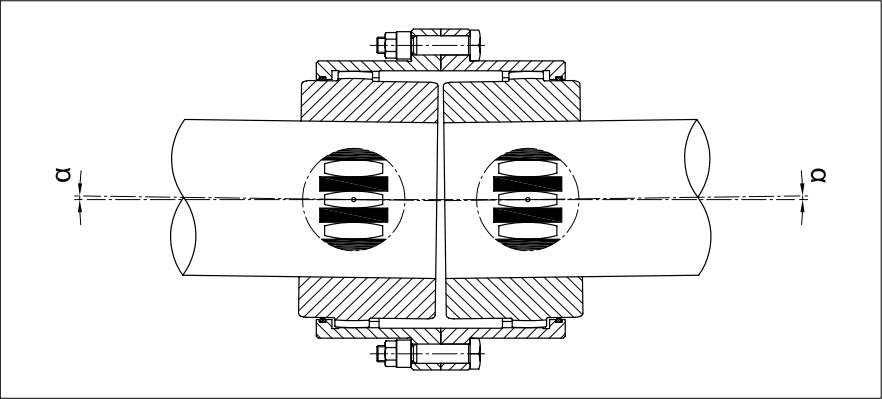


Fig. n.° 2. Detail of the crowned teeth with angular misalignment.

Coupling size for a certain drive depends not only on the drive unit power and speed, but also on the misalignment and the type of machines to be coupled.

Three types of misalignment can be effectively accommodated by the MT gear coupling (see Fig. n°3):

- Axial: Shafts are aligned but shaft ends are apart from each other.
- Parallel Offset: Axes of connected shafts are parallel, but not in the same straight line.
- Angular: Axes of shafts intersect at center point of coupling, but not in the same straight line.

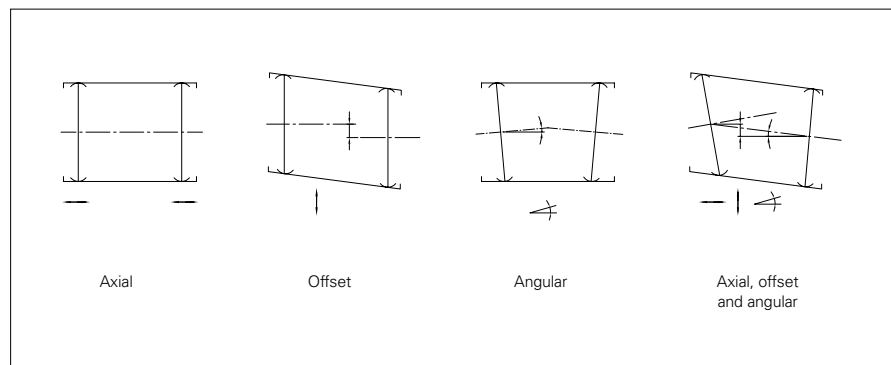


Fig. n.° 3. Shaft misalignment.

Proper maintenance of gear couplings is key to avoid early wear of the gear teeth and extend the coupling's life. It is necessary to strictly follow the installation and maintenance instructions.

The MT gear coupling must be filled with grease periodically. Therefore, the lubrication is forced into the teeth by centrifugal force. Seals are provided in the sleeves/covers to prevent any grease leakage. They can be used at -30°C to 70°C temperature range. For other temperatures, please contact Regal Rexnord.

The gear couplings are made in C45/55 material as a standard. If a more compact coupling or higher power ratio is required, **Jaure® Heavy Duty Type (HD) coupling** in alloy steel is available in our program.

In addition other special designs with heat treatments such as induction hardening, gas nitriding, case hardening, etc can be delivered on demand. Please contact our engineering or sales departments.

For more detailed information, refer to the Jaure coupling instruction manual.

COUPLING SELECTION

For MT standard design selection, the following data is required:

- PN, Installed or absorbed power (kW)
- n, operating speed (rpm)
- L, d shaft lengths and diameters (mm)
- DBSE distance between shaft ends (mm)
- Service requirements (K service factor from page 15)
- Dynamic misalignment (F_a misalignment factor from Fig n°4)
- Additional geometrical or atmospheric restrictions

Torque capacity varies with speed and dynamic misalignment. A coefficient (f_a = Coefficient factor from dynamic misalignment and speed) is required over 0,1 degrees of misalignment and is affected in the following trend:

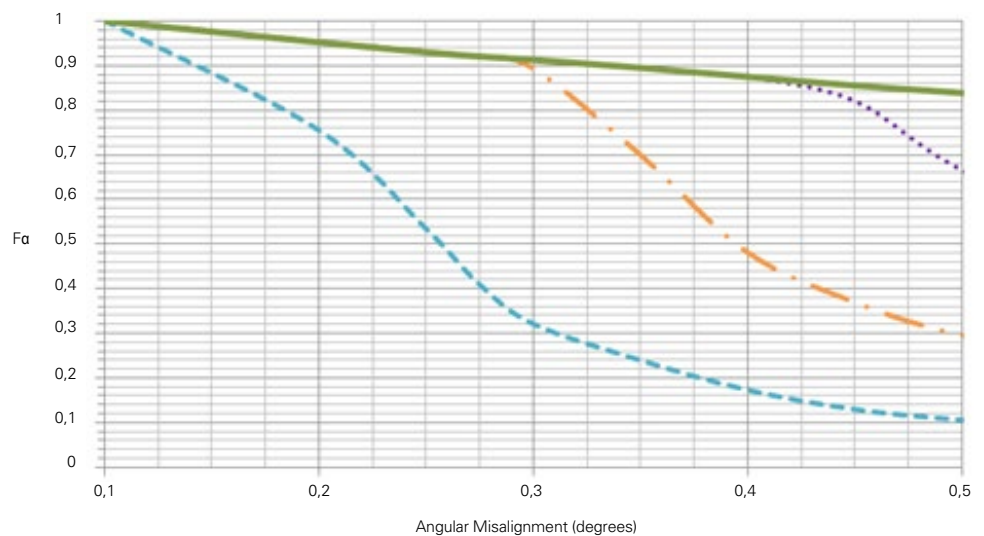


Fig. n.º 4. Trend of Coefficient with Dynamic Misalignment and Speed.

- $n = n_{max}$
- .- $n = 0.6 \cdot n_{max}$
- ... $n = 0.4 \cdot n_{max}$
- $n = 0.15 \cdot n_{max}$

Above graph shows one gear mesh misalignment.

Values shown in the graph are illustrative. For accurate calculation or higher angular misalignment, please contact Regal Rexnord Jaure product engineering.

Selection procedure

1) Calculate nominal torque T_N (Nm) as follows:

$$T = 9550 \frac{P_N \cdot K}{n \cdot F\alpha}$$

P_N = Max. actual power in (kW)

K = Service factor

n = Coupling speed in (rpm.)

$F\alpha$ = Misalignment factor

Select coupling size from catalogue with nominal torque capacity same or higher than obtained in the calculation. Check if the peak torque of the application is below the coupling max. torque (T_{Pmax}).

2) Check in the catalogue maximum bore capacity for selected coupling.

Should shafts be larger than the maximum admissible bore, select next bigger necessary size diameter.

3) Check shaft/hub connection is able to transmit the torque. If necessary, extend the hub length.

4) Speed given in catalogue is maximum value for unbalanced couplings.

For higher operational speed, the coupling must be dynamically balanced and materials other than carbon steels might be used. Please contact Jaure® coupling engineering for support.

5) Selection Service Factors (K): Recommended service factors are given on page 15.

The service factor can vary for each application and depending, among other factors, on:

- Type of driving and driven machine
- Reversing / Non-reversing load
- Peak torques

Example:

- Find a coupling to connect a gearbox with the drum of a conveyor.
- Motor power $P_N = 400$ kW.
- Peak torque: 7200 Nm
- Drum speed $n = 1.000$ r.p.m.
- Gearbox shaft $d_1 = 80$ mm.
- Drum side shaft $d_2 = 100$ mm.
- Dynamic misalignment $< 0,1$ degrees. $F\alpha = 1$
- Service Factor for Conveyors-Heavy Duty Not Uniformly Fed/Assembly on page 15, $K = 1.25$

Solution:

$$T = 9550 \frac{400 \cdot 1,25}{1000 \cdot 1} = 4775 \text{ Nm}$$

Nominal torque needs to be checked as a first step. From MT basic design, we would select MT-78. Secondly, we need to check maximum shaft capacity for selected size. This would lead to the selection of MT-112, as the drum shaft diameter is 100 mm.

Check that peak torque of application, 7200 Nm, is below selected coupling limit. (28200 in this case).

With this selection, resulting service factor can be calculated:
Since

$$T_{\text{application}} = 9550 \frac{P_N}{n} = 9550 \frac{400}{1000} = 3820 \text{ Nm}$$

Resulting Service Factor can be calculated as

$$k = \frac{14000}{3820} = 3,67$$

BALANCING

Coupling balance requirements and limits are mainly dependent upon the characteristics of the application. For this reason, balancing charts should be used as a guide only to assist in determining whether balancing is required or not.

Balancing chart is shown for average applications. For sensitive or critical application, contact Regal Rexnord Jaure coupling engineering for coupling balance requirement.

Balance Chart for non spacer type gear couplings.

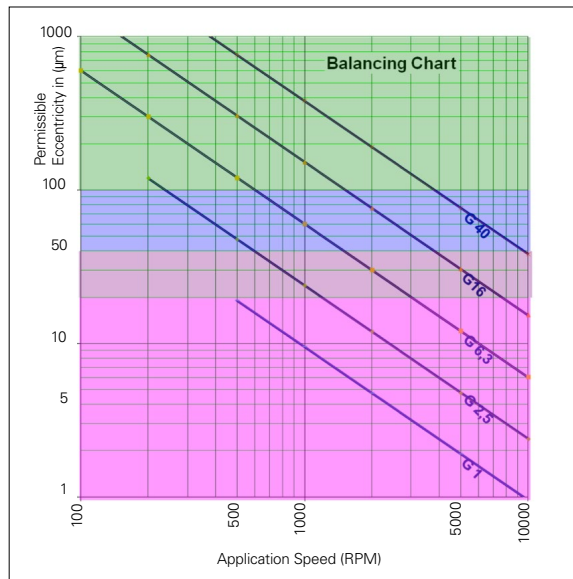


Fig. n.º 5.

Balance Chart for intermediate shaft couplings up to 1000mm of DBSE (For higher DBSE please refer to Regal Rexnord Jaure product engineering)

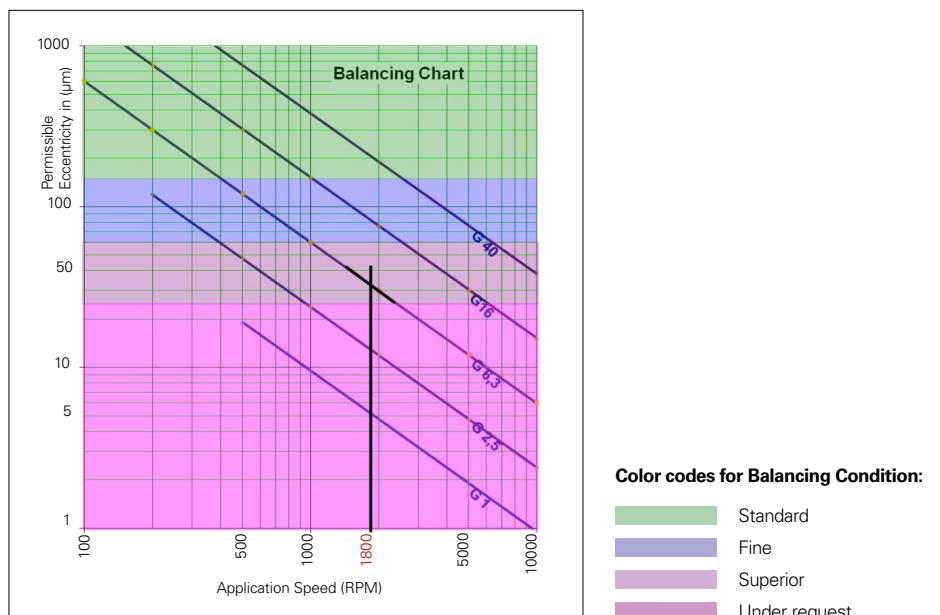


Fig. n.º 6

Minimum applications data required for chart interpretation:

1. ISO balancing grade for the coupling. (G)
2. Application speed (n)

This information allows to calculate the permissible eccentricity (e permissible) for the coupling.

$$e \text{ permissible} = 9550.G/n$$

Where,

e permissible = Permissible eccentricity of center of gravity in μm .

e coupling = Actual eccentricity of center of gravity of coupling in μm .

G = Balance grade in mm/s

n = Application speed in rpm.

In order to satisfy the application requirement, e coupling $\leq e$ permissible.

Balancing Practices

Jaure® couplings are dynamically balanced in component level or in sub-assembly.

In case of sub-assembly balancing level, major components are match-marked to ensure the proper reassembly of the coupling.

Hubs are component balanced at finished bore without keyways unless mentioned in the order.

On special request from customer, assembly balancing of gear coupling including gear hubs can be performed.

Balancing reports will be available for customer upon request.

Example:

Coupling Type – Spacer type gear coupling.

DBSE – 600 mm

Required Balance Quality – 6.3

Application Speed – 1800 rpm

As per the chart, we require performance of the superior balancing for the spacer coupling to achieve the 6.3 balancing grade as per ISO-1940-1.

Alternatively:

$$\begin{aligned} e \text{ permissible} &= 9550.G/n \\ &= 9550. (6.3)/1800 \\ &= 33,4 \mu\text{m} \end{aligned}$$

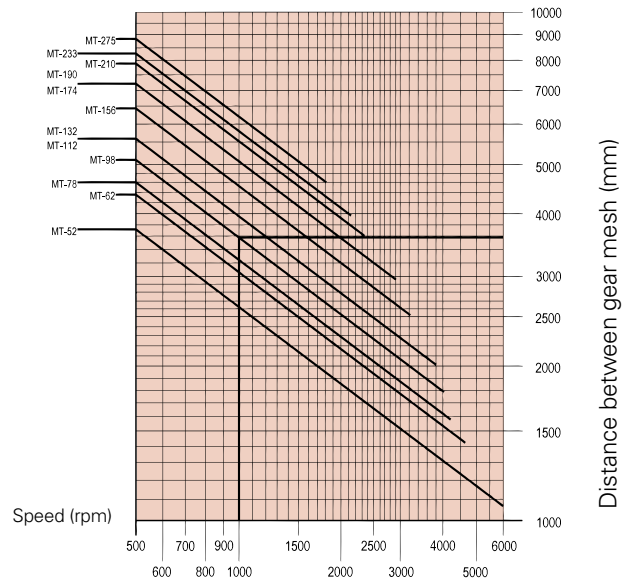
From the chart (Y-axis) for 33,4 μm permissible eccentricity, coupling requires superior balancing.

CRITICAL SPEED

Critical speed needs to be checked for intermediate shaft couplings.

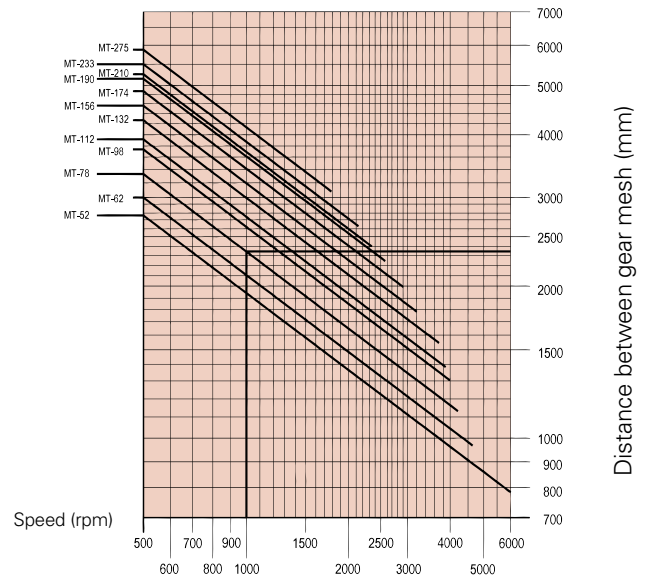
Note: For an approximate calculation, the spacer/shaft length can be used instead of the distance between gear mesh.

Fig n°7
Critical speed for intermediate shaft couplings type MTX and MTXCO.



Ex.: MTX-98 with a spacer of 3575 mm can rotate at a speed maximum 1000 rpm

Fig n°8
Critical speed for intermediate shaft couplings type MTD.



Ex.: MTD-78 with an intermediate shaft of 2350 mm can rotate at a speed maximum 1000rpm

RECOMMENDED SERVICE FACTORS (K)

Values listed are intended only as a general guide, and are typical of usual service requirements. For systems which frequently utilize the peak torque capability of the power source, verify that the magnitude of this peak torque does not exceed the 1.0 Service Factor Rating of the coupling selected. Applications which involve extreme repetitive shock or high-energy load absorption characteristics should be referred -with full particulars- to Regal Rexnord Jaure product engineering.

Values contained in the table are to be applied to smooth power sources such as electric motors and steam turbines. For drives involving internal combustion engines of four or five cylinders, add 1.0 to the values listed; for six or more cylinders, add 0.5 to the values listed. For systems utilizing AC or DC mill motors as the prime mover, refer to Note (1).

CAUTION: All people-moving applications must be referred to engineering.

JAURE

| Application: | Typical Service Factor |
|---|------------------------|
| AGITATORS | |
| Pure Liquids | 1.0 |
| Liquids & Solids | 1.25 |
| Liquids - Variable Density | 1.25 |
| BLOWERS | |
| Centrifugal | 1.0 |
| Lobe | 1.5 |
| Vane | 1.25 |
| BRIQUETTE MACHINES | 2.0 |
| CAR PULLERS - Intermittent Duty | 1.5 |
| COMPRESSORS | |
| Centrifugal | 1.0 |
| Centriaxial | 1.25 |
| Lobe | 1.5 |
| Reciprocating-Multi-Cylinder | 2.0 |
| CONVEYORS-LIGHT DUTY UNIFORMLY FED | |
| Apron, Bucked, Chain, Flight, Screw | 1.25 |
| Assembly, Belt | 1.0 |
| Oven | 1.5 |
| CONVEYORS-HEAVY DUTY NOT UNIFORMLY FED | |
| Apron, Bucket, Chain, Flight, Over | 1.5 |
| Assembly, Belt | 1.25 |
| Reciprocating, Shaker | 2.5 |
| CRANES AND HOISTS (NOTE 1 and 2) | |
| Main hoists, Reversing | 2.5 |
| Skip Hoists, Trolley & Bridge Drives | 2.0 |
| Slope | 2.0 |
| CRUSHERS | |
| Ore, Stone | 3.0 |
| DREDGES | |
| Cable Reels | 1.75 |
| Conveyors | 1.5 |
| Cutter Head Jig Drives | 2.5 |
| Maneuvering Winches | 1.75 |
| Pumps | 1.75 |
| Screen Drives | 1.75 |
| Stackers | 1.75 |
| Utility Winches | 1.5 |
| ELEVATORS (NOTE 2) | |
| Bucket | 1.75 |
| Centrifugal & Gravity Discharge | 1.5 |
| Escalators | 1.5 |
| Freight | 2.5 |
| FANS | |
| Centrifugal | 1.0 |
| Cooling Towers | 1.5 |
| Forced Draft | 1.5 |
| Induced Draft without Damper Control | 2.0 |
| FEEDERS | |
| Apron, Belt, Disc, Screw | 1.25 |
| Reciprocating | 2.5 |

| Application: | Typical Service Factor |
|------------------------------------|------------------------|
| GENERATORS | |
| (Not Welding) | 1.0 |
| HAMMER MILLS | 2.0 |
| LAUNDRY WASHERS | |
| Reversing | 2.0 |
| LAUNDRY TUMBLERS | 2.0 |
| LINE SHAFT | 1.5 |
| LUMBER INDUSTRY | |
| Barkers-Drum Type | 2.0 |
| Edger Feed | 2.0 |
| Live Rolls | 2.0 |
| Log Haul-Incline | 2.0 |
| Log Haul-Well type | 2.0 |
| Off Bearing Rolls | 2.0 |
| Planer Feed Chains | 1.75 |
| Planer Floor Chains | 1.75 |
| Planer Tilting Hoist | 1.75 |
| Slab Conveyor | 1.5 |
| Sorting Table | 1.5 |
| Trimmer Feed | 1.75 |
| MARINE PROPULSION | |
| Main Drives | 2.25-2.5 |
| MACHINE TOOLS | |
| Bending Roll | 2.0 |
| Plate Planer | 1.5 |
| Punch Press - Gear Driven | 2.0 |
| Tapping Machines | 2.5 |
| Other Machine Tools | |
| Main Drives | 1.5 |
| Auxiliary Drives | 1.25 |
| METAL MILLS | |
| Draw Bench - Carriage | 2.0 |
| Draw Bench - Main Drive | 2.0 |
| Forming Machines | 2.0 |
| Slitters | 1.5 |
| Table Conveyors | |
| Non-Reversing | 2.25 |
| Reversing | 2.5 |
| Wire Drawing & Flattening Machine | 2.0 |
| Wire Winding Machine | 1.75 |
| METAL ROLLING MILLS (NOTE1) | |
| Blooming Mills | * |
| Coilers, hot mill | 2.0 |
| Coilers cold mill | 1.25 |
| Cold Mills | 2.0 |
| Cooling Beds | 1.75 |
| Door Openers | 2.0 |
| Draw Benches | 2.0 |
| Edger Drives | 1.75 |
| Feed Rolls, Reversing Mills | 3.5 |
| Furnace Pushers | 2.5 |
| Hot Mills | 3.0 |
| Ingot Cars | 2.5 |
| Kick-outs | 2.5 |
| Manipulators | 3.0 |
| Merchant Mills | 3.0 |
| Piercers | 3.0 |
| Pushers Rams | 2.5 |
| Reel Drives | 1.75 |
| Reel Drums | 2.0 |
| Reelers | 3.0 |
| Rod and Bar Mills | 1.5 |
| Roughing Mill Delivery Table | 3.0 |
| Runout Tables | |
| Reversing | 3.0 |
| Non-Reversing | 2.0 |
| Saws, hot & cold | 2.5 |
| Screwdown Drives | 3.0 |
| Skelp Mills | 3.0 |
| Slitters | 3.0 |
| Slabbing Mills | 3.0 |
| Soaking Pit Cover Drives | 3.0 |
| Straighteners | 2.5 |
| Tables, transfer & runout | 2.0 |
| Thrust Block | 3.0 |
| Traction Drive | 3.0 |
| Tube Conveyor Rolls | 2.5 |
| Unscramblers | 2.5 |
| Wire Drawing | 1.5 |
| MILLS, ROTARY TYPE | |
| Ball | 2.25 |
| Dryers & Coolers | 2.0 |
| Hammer | 1.75 |
| Kilns | 2.0 |

| Application: | Typical Service Factor |
|---|------------------------|
| Pebble & Rod | 2.0 |
| Pug | 1.75 |
| Tumbling Barrels | 2.0 |
| MIXERS | |
| Concrete Mixers | 1.75 |
| Drum Type | 1.5 |
| OIL INDUSTRY | |
| Chillers | 1.25 |
| Paraffin Filter Press | 1.75 |
| PAPER MILLS | |
| Barker Auxiliaries, Hydraulic | 2.0 |
| Barker, Mechanical | 2.0 |
| Barking Drum Spur Gear Only | 2.25 |
| Beater & Pulper | 1.75 |
| Bleacher | 1.0 |
| Calenders | 2.0 |
| Chippers | 2.5 |
| Coaters | 1.0 |
| Converting Machines except Cutters, Platers | 1.5 |
| Couch Roll | 1.75 |
| Cutters, Platers | 2.0 |
| Cylinders | 1.75 |
| Disc Refiners | 1.75 |
| Dryers | 1.75 |
| Felt Stretcher | 1.25 |
| Felt Whipper | 2.0 |
| Jordans | 1.75 |
| Line Shaft | 1.5 |
| Log Haul | 2.0 |
| Pulp Grinder | 1.75 |
| Press Roll | 2.0 |
| Reel | 1.5 |
| Stock Chests | 1.5 |
| Suction Roll | 1.75 |
| Washers & Thickeners | 1.5 |
| Winders | 1.5 |
| PRINTING PRESSES | 1.5 |
| PULLERS - Barge Haul | 2.0 |
| PUMPS | |
| Centrifugal | 1.0 |
| Boiler Feed | 1.5 |
| Reciprocating | |
| Single Acting | |
| 1 or 2 Cylinders | 2.25 |
| 3 or more Cylinders | 1.75 |
| Doble Acting | 2.0 |
| Rotary, Gear, Lobe, Vane | 1.5 |
| RUBBER INDUSTRY | |
| Mixer - Banbury | 2.5 |
| Rubber Calendar | 2.0 |
| Rubber Mill (2 or more) | 2.25 |
| Sheeter | 2.0 |
| Tire Building Machines | 2.5 |
| Tire & Tube Press Openers | 1.0 |
| Tubers & Strainers | 2.0 |
| SCREENS | |
| Air Washing | 1.0 |
| Grizzly | 2.0 |
| Rotary - Stone or Gravel | 1.5 |
| Traveling Water Intake | 1.25 |
| Vibrating | 2.5 |
| SEWAGE DISPOSAL EQUIPMENT | |
| Bar Screens | 1.25 |
| Chemical Feeders | 1.25 |
| Collectors, Circuline or Straightline | 1.25 |
| Dewatering Screens | 1.25 |
| Grit Collectors | 1.25 |
| Scum Breakers | 1.25 |
| Slow or Rapid Mixers | 1.25 |
| Sludge Collectors | 1.25 |
| Thickeners | 1.25 |
| Vacuum Filters | 1.25 |
| STEERING GEAR | 1.0 |
| STOKERS | 1.0 |
| WINCH | 1.5 |
| WINDLASS | 1.75 |

*Refer to Regal Rexnord Jaure product engineering.

Notes:

- (1) Maximum Torque at the coupling must not exceed Rated Torque of the coupling.
- (2) Check local and industrial safety codes.

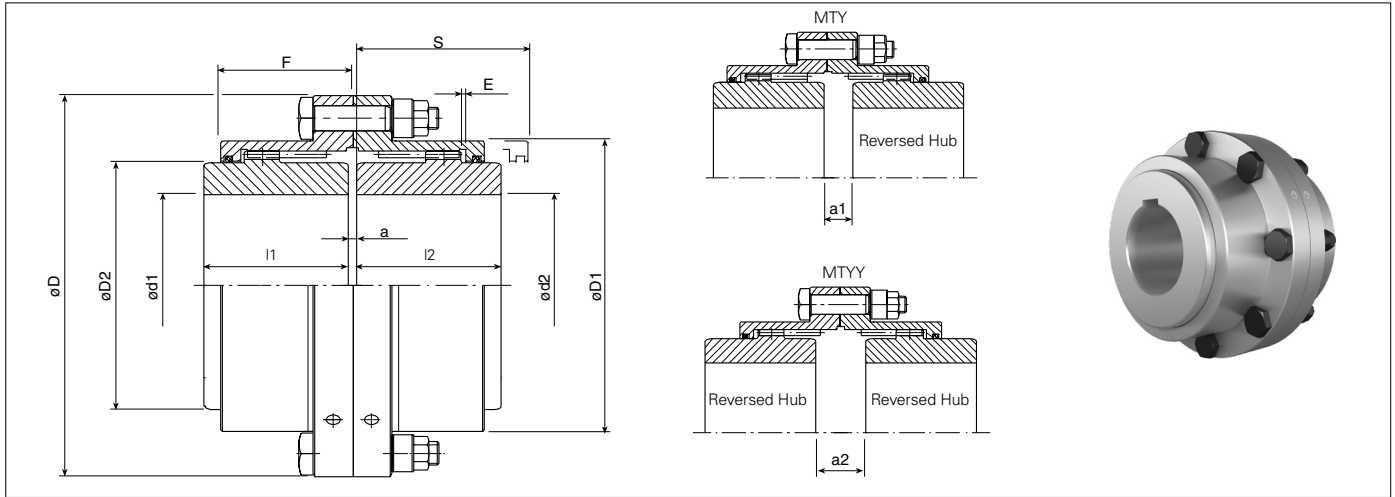
INDUSTRIAL DESIGNS

For years, Jaure® gear couplings have been used in a variety of demanding applications. Paper mill, cranes, pumps, conveyors and any process in a steel, aluminum or copper mill are just some of the examples where Jaure gear couplings are performing successfully.

Numerous designs and coupling sizes are available. The custom-made gear coupling offering is developed in close collaboration with the customer.

MT BASIC DESIGN

INDUSTRIAL



Designation example: **MT-132** Basic design
MT-Y-132 One reversed hub
MT-YY-132 Two reversed hubs

| SIZE | MT | | n MAX (8) | GENERAL DIMENSIONS (mm) | | | | | | | | | | | WEIGHT Max. (5) | WEIGHT Min. (6) | MOMENT OF INERTIA (5) | GREASE QTY. (7) |
|------|----------------|------------|-----------|-------------------------|-------|-----|------------------------|-------|----|----|-----|-----|-------|------|-----------------|-----------------|-----------------------|-----------------|
| | TN NOMINAL (1) | TP MAX (1) | | D | D1 | D2 | d1-d2 (Min-Max) (2)(3) | l1-l2 | a | a1 | a2 | E | F | S(4) | | | | |
| MT | Nm | Nm | rpm | D | D1 | D2 | d1-d2 (Min-Max) (2)(3) | l1-l2 | a | a1 | a2 | E | F | S(4) | kg | kg | J (kgm ²) | kg |
| 52 | 1780 | 3600 | 8600 | 111 | 82,5 | 69 | 14-52 | 43 | 3 | 5 | 7 | 1,5 | 39 | 57 | 4 | 3 | 0,005 | 0,030 |
| 62 | 2790 | 5520 | 7000 | 141 | 104,5 | 85 | 17-62 | 50 | 3 | 8 | 13 | 1,5 | 46 | 64 | 8 | 6 | 0,016 | 0,064 |
| 78 | 5600 | 11100 | 5800 | 171 | 127,5 | 107 | 20-78 | 62 | 3 | 14 | 25 | 1,5 | 61 | 76 | 14 | 10 | 0,040 | 0,094 |
| 98 | 8500 | 17400 | 4700 | 210 | 156 | 133 | 26-98 | 76 | 5 | 12 | 19 | 2,5 | 69,5 | 92 | 26 | 18 | 0,11 | 0,14 |
| 112 | 14000 | 28200 | 4200 | 234 | 181,5 | 152 | 30-112 | 90 | 5 | 24 | 43 | 2,5 | 84,5 | 108 | 39 | 26 | 0,20 | 0,29 |
| 132 | 23000 | 45600 | 3600 | 274 | 210,5 | 178 | 35-132 | 105 | 6 | 27 | 48 | 3 | 96 | 125 | 58 | 42 | 0,45 | 0,42 |
| 156 | 35100 | 69600 | 3200 | 312 | 248,5 | 209 | 70-156 | 120 | 6 | 32 | 58 | 3 | 109 | 140 | 91 | 61 | 0,88 | 0,60 |
| 174 | 44400 | 88000 | 2900 | 337 | 274 | 234 | 85-174 | 135 | 8 | 37 | 66 | 4 | 123 | 162 | 115 | 77 | 1,33 | 1,0 |
| 190 | 68500 | 139600 | 2600 | 380 | 308,5 | 254 | 95-190 | 150 | 8 | 50 | 92 | 4 | 142,5 | 180 | 165 | 115 | 2,48 | 1,7 |
| 210 | 84600 | 167600 | 2400 | 405 | 334 | 279 | 110-210 | 175 | 8 | 52 | 96 | 4 | 154,5 | 205 | 211 | 142 | 3,59 | 2,5 |
| 233 | 151000 | 304000 | 2200 | 444 | 365,5 | 305 | 120-233 | 190 | 8 | 58 | 108 | 4 | 166,5 | 218 | 260 | 167 | 5,00 | 3,5 |
| 275 | 205500 | 407000 | 2000 | 506 | 424 | 355 | 130-275 | 220 | 10 | 72 | 134 | 5 | 193,5 | 252 | 411 | 252 | 10,39 | 5,3 |

From size 174 (included) the coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.

Setscrews can be included upon request.
 Adapted hub length available upon request.

ATEX certifications are available.
 Please, contact product engineering to define the zone and category.



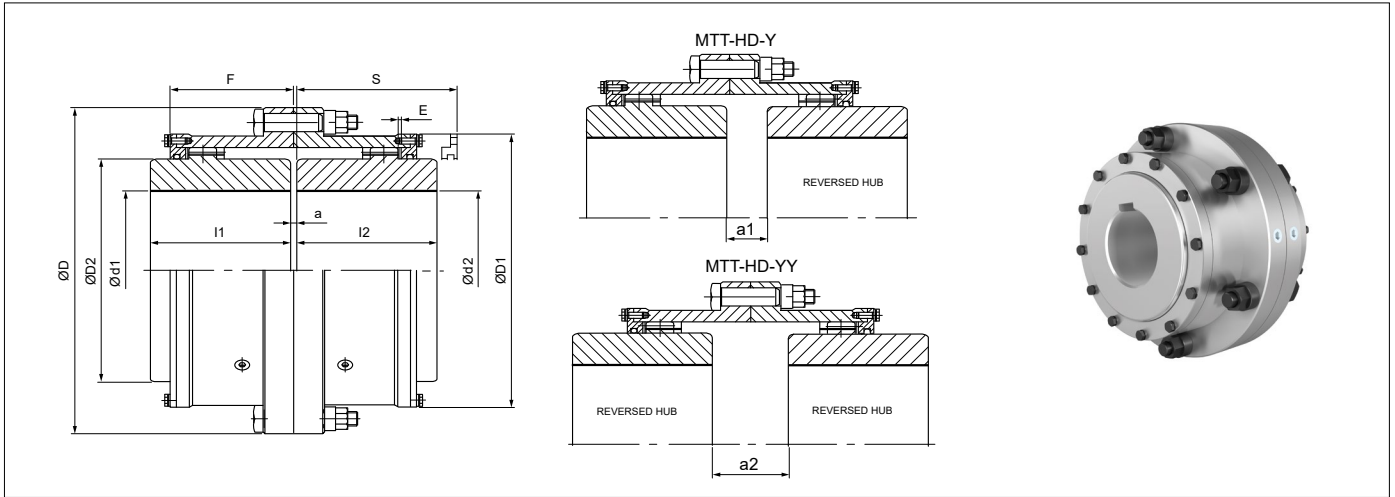
- (1) The torque of the coupling does not include the connection transmission capacity.
- (2) Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.
- (3) Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please contact Regal Rexnord Jaure product engineering.

- (4) Clearance to align coupling hubs and replacement of sealing rings.
- (5) Weight and moment of inertia are given for minimum bore.
- (6) Weight is given for maximum bore.
- (7) The amount of grease indicated in the catalogue is for guidance only. For exact amount please refer to coupling instructions.
- (8) n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

Technical modifications reserved

MTT-HD WITH COVERS

INDUSTRIAL



Designation example: **MTT-HD-132** Basic design
MTT-HD-Y-132 One reversed hub
MTT-HD-YY-132 Two reversed hubs

| SIZE | MTT-HD | | n MAX (8) | GENERAL DIMENSIONS (mm) | | | | | | | | | | | WEIGHT Max. (5) | WEIGHT Min. (6) | MOMENT OF INERTIA (5) | GREASE QTY. (7) |
|--------|----------------|------------|-----------|-------------------------|-------|-----|------------------------|-------|----|----|-----|-----|-------|------|-----------------|-----------------|-----------------------|-----------------|
| | TN NOMINAL (1) | TP MAX (1) | | D | D1 | D2 | d1-d2 (Min-Max) (2)(3) | l1-l2 | a | a1 | a2 | E | F | S(4) | | | | |
| MTT-HD | Nm | Nm | Nm | D | D1 | D2 | d1-d2 (Min-Max) (2)(3) | l1-l2 | a | a1 | a2 | E | F | S(4) | kg | kg | J (kgm ²) | kg |
| 52 | 2937 | 5940 | 8600 | 119 | 90,2 | 69 | 14-52 | 43 | 3 | 5 | 7 | 1,5 | 39 | 57 | 5 | 4 | 0,007 | 0,028 |
| 62 | 4604 | 9108 | 7000 | 147 | 109,6 | 85 | 17-62 | 50 | 3 | 8 | 13 | 1,5 | 46 | 64 | 9 | 7 | 0,018 | 0,064 |
| 78 | 9240 | 18315 | 5800 | 179 | 135 | 107 | 20-78 | 62 | 3 | 14 | 25 | 1,5 | 59,5 | 80 | 16 | 12 | 0,048 | 0,087 |
| 98 | 14025 | 28710 | 4700 | 220 | 166 | 133 | 26-98 | 76 | 5 | 12 | 19 | 2,5 | 69,5 | 96 | 30 | 21 | 0,13 | 0,13 |
| 112 | 23100 | 46530 | 4200 | 242 | 188,6 | 152 | 30-112 | 90 | 5 | 24 | 43 | 2,5 | 82,5 | 108 | 42 | 29 | 0,22 | 0,28 |
| 132 | 37950 | 75240 | 3600 | 284 | 220 | 178 | 35-132 | 105 | 6 | 27 | 48 | 3 | 96 | 128 | 69 | 48 | 0,56 | 0,42 |
| 156 | 57915 | 114840 | 3200 | 315 | 252,5 | 209 | 70-156 | 120 | 6 | 32 | 58 | 3 | 106,5 | 140 | 93 | 64 | 0,89 | 0,59 |
| 174 | 73260 | 145200 | 2900 | 340 | 279 | 234 | 85-174 | 135 | 8 | 37 | 66 | 4 | 123 | 165 | 118 | 80 | 1,37 | 1,0 |
| 190 | 113025 | 230340 | 2600 | 380 | 308,5 | 254 | 95-190 | 150 | 8 | 50 | 92 | 4 | 139,5 | 181 | 164 | 114 | 2,38 | 1,7 |
| 210 | 139590 | 276540 | 2400 | 408 | 341 | 279 | 110-210 | 175 | 8 | 52 | 96 | 4 | 154,5 | 209 | 216 | 147 | 3,60 | 2,5 |
| 233 | 249150 | 501600 | 2200 | 444 | 372 | 305 | 120-233 | 190 | 8 | 58 | 108 | 4 | 166,5 | 224 | 261 | 168 | 4,99 | 3,4 |
| 275 | 339075 | 671550 | 2000 | 506 | 427 | 355 | 130-275 | 220 | 10 | 72 | 134 | 5 | 193,5 | 257 | 408 | 249 | 9,96 | 5,3 |

From size 174 (included) the coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.

Setscrews can be included upon request.
 Adapted hub length available upon request.

ATEX certifications are available.
 Please, contact Regal Rexnord Jaure product engineering to define the zone and category.



(1) The torque of the coupling does not include the connection transmission capacity.

(2) Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.

(3) Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please contact Regal Rexnord Jaure product engineering.

(4) Clearance to align coupling hubs and replacement of sealing rings.

(5) Weight and moment of inertia are given for minimum bore.

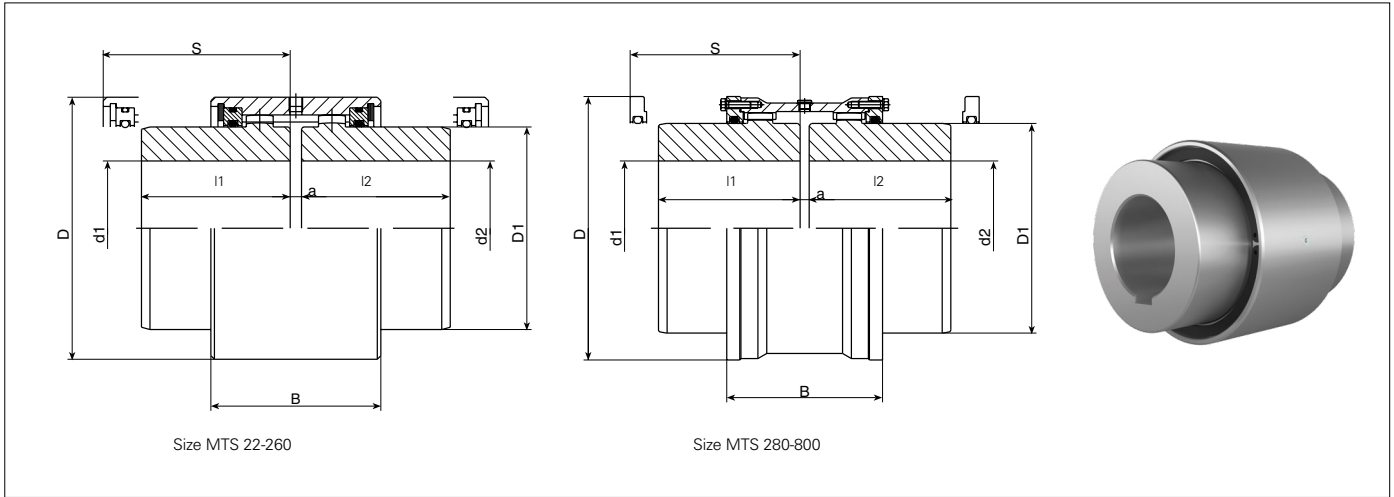
(6) Weight is given for maximum bore.

(7) The amount of grease indicated in the catalogue is for guidance only. For exact amount please refer to coupling instructions.

(8) n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

MTS WITH SINGLE SLEEVE

INDUSTRIAL



Designation example: **MTS-145**

| SIZE | TN NOMINAL (1) | TP MAX (1) | n MAX (8) | GENERAL DIMENSIONS (mm) | | | | | | | WEIGHT MAX. (5) | WEIGHT MIN. (6) | MOMENT OF INERTIA (5) | GREASE QTY. (7) |
|------|----------------|------------|-----------|-------------------------|------|-----|------------------------|-------|----|------|-----------------|-----------------|-----------------------|-----------------|
| | | | | D | D1 | B | d1-d2 (Min-Max) (2)(3) | I1-I2 | a | S(4) | | | | |
| MTS | Nm | Nm | rpm | D | D1 | B | d1-d2 (Min-Max) (2)(3) | I1-I2 | a | S(4) | kg | kg | J (kgm ²) | kg |
| 22 | 500 | 1000 | 12000 | 56 | 36 | 47 | 8-22 | 30 | 4 | 57 | 0,88 | 0,73 | 0,0003 | 0,006 |
| 32 | 650 | 1300 | 10500 | 70 | 48 | 56 | 10-32 | 40 | 4 | 71 | 1,80 | 1,34 | 0,001 | 0,011 |
| 38 | 750 | 1500 | 9500 | 80 | 56 | 68 | 14-38 | 45 | 4 | 84 | 2,71 | 2,02 | 0,002 | 0,017 |
| 50 | 1150 | 2300 | 9000 | 96 | 68 | 74 | 18-50 | 55 | 6 | 91 | 4,68 | 3,20 | 0,005 | 0,024 |
| 55 | 2600 | 5200 | 7000 | 112 | 80 | 85 | 20-58 | 70 | 6 | 108 | 7,84 | 5,28 | 0,011 | 0,054 |
| 70 | 5000 | 10000 | 5600 | 140 | 101 | 106 | 20-75 | 80 | 6 | 130 | 14,88 | 9,65 | 0,033 | 0,044 |
| 90 | 8600 | 17200 | 4700 | 164 | 124 | 116 | 25-95 | 95 | 8 | 145 | 24,41 | 14,51 | 0,073 | 0,056 |
| 100 | 14000 | 23000 | 4200 | 185 | 143 | 120 | 30-105 | 105 | 8 | 150 | 34,10 | 20,84 | 0,128 | 0,098 |
| 125 | 20600 | 41200 | 3600 | 215 | 170 | 130 | 35-130 | 120 | 8 | 165 | 53,56 | 29,71 | 0,270 | 0,13 |
| 145 | 33000 | 66000 | 3150 | 255 | 205 | 150 | 45-150 | 135 | 10 | 195 | 85,52 | 51,29 | 0,622 | 0,14 |
| 165 | 45600 | 91200 | 2860 | 280 | 216 | 170 | 55-165 | 150 | 10 | 215 | 109,66 | 64,70 | 0,963 | 0,35 |
| 185 | 61400 | 122300 | 2580 | 317 | 250 | 190 | 60-190 | 170 | 10 | 245 | 163,18 | 94,56 | 1,835 | 0,44 |
| 205 | 80800 | 161600 | 2320 | 345 | 275 | 210 | 70-210 | 185 | 12 | 275 | 213,28 | 122,32 | 2,873 | 0,53 |
| 230 | 105500 | 211000 | 2200 | 374 | 300 | 226 | 100-230 | 200 | 12 | 295 | 260,76 | 152,57 | 4,263 | 0,77 |
| 260 | 161000 | 322000 | 2000 | 414 | 340 | 266 | 115-260 | 230 | 12 | 355 | 374,87 | 217,46 | 7,659 | 1,5 |
| 280 | 220000 | 440000 | 1800 | 465 | 370 | 275 | 140-280 | 250 | 16 | 345 | 446 | 355 | 11,12 | 2,8 |
| 310 | 250000 | 500000 | 1600 | 505 | 410 | 295 | 160-310 | 270 | 16 | 375 | 558 | 441 | 16,21 | 3,4 |
| 345 | 320000 | 640000 | 1500 | 548 | 450 | 315 | 180-345 | 290 | 16 | 400 | 712 | 557 | 25 | 3,5 |
| 370 | 400000 | 800000 | 1400 | 588 | 490 | 350 | 210-370 | 325 | 20 | 450 | 906 | 720 | 37,5 | 4,8 |
| 390 | 510000 | 1020000 | 1300 | 640 | 520 | 370 | 230-390 | 345 | 20 | 480 | 1100 | 889 | 53,25 | 6,9 |
| 420 | 660000 | 1320000 | 1200 | 690 | 560 | 390 | 250-420 | 365 | 20 | 510 | 1360 | 1104 | 77,5 | 7,7 |
| 460 | 780000 | 1560000 | 1100 | 730 | 600 | 430 | 275-460 | 400 | 20 | 560 | 1715 | 1380 | 114 | 9,0 |
| 500 | 1000000 | 2000000 | 1050 | 780 | 650 | 440 | 300-500 | 410 | 25 | 570 | 1958 | 1554 | 146 | 10,7 |
| 550 | 1200000 | 2400000 | 950 | 850 | 710 | 460 | 325-550 | 430 | 25 | 600 | 2464 | 1942 | 218 | 11,0 |
| 590 | 1600000 | 3200000 | 900 | 910 | 760 | 500 | 350-590 | 470 | 25 | 660 | 3050 | 2396 | 308 | 15,5 |
| 620 | 1800000 | 3600000 | 850 | 970 | 810 | 530 | 375-620 | 500 | 30 | 700 | 3720 | 2969 | 430 | 15,7 |
| 650 | 1900000 | 3800000 | 800 | 1020 | 840 | 550 | 400-650 | 520 | 30 | 730 | 4160 | 3318 | 532 | 18,3 |
| 680 | 2100000 | 4200000 | 750 | 1080 | 890 | 574 | 425-680 | 540 | 30 | 755 | 4720 | 3782 | 668 | 24,8 |
| 730 | 2600000 | 5200000 | 700 | 1150 | 950 | 604 | 450-730 | 570 | 30 | 800 | 5730 | 4569 | 922 | 27,7 |
| 800 | 3800000 | 7600000 | 660 | 1270 | 1050 | 634 | 475-800 | 600 | 30 | 850 | 7520 | 5987 | 1455 | 35,8 |

From size 185 (included) the coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.

Setscrews can be included upon request.
Adapted hub length available upon request.

ATEX certifications are available.
Please, contact Regal Rexnord Jaure product engineering to define the zone and category.



- (1) The torque of the coupling does not include the connection transmission capacity.
- (2) Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.
- (3) Max. allowable bore for couplings with DIN 6885/1 keys.

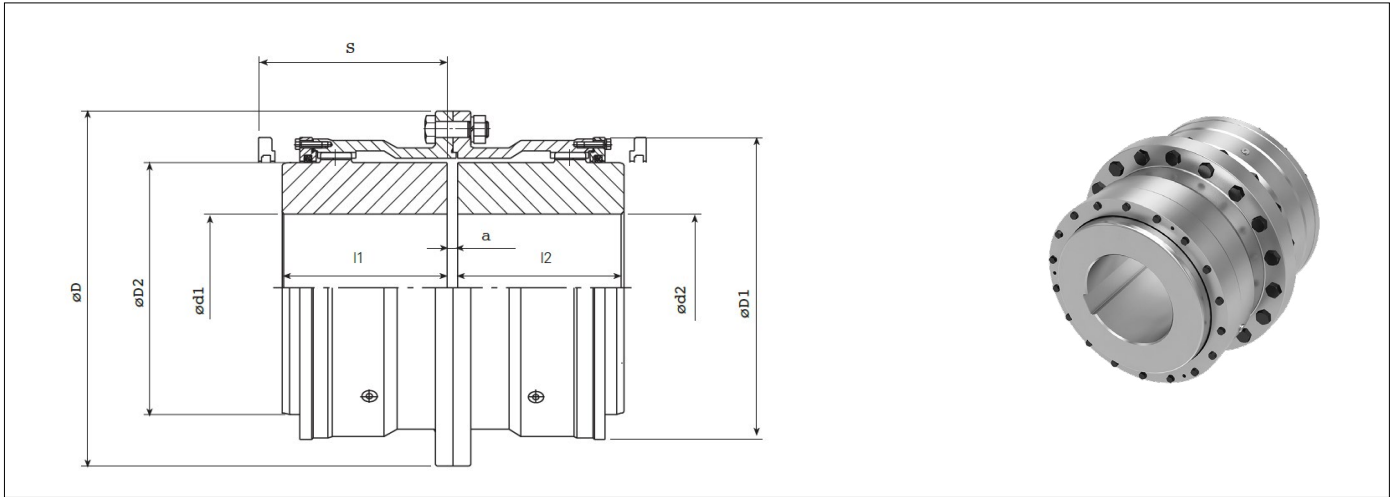
- For other types of keys or connections please contact Regal Rexnord Jaure product engineering.
- (4) Clearance to align coupling hubs and replacement of sealing rings.
- (5) Weight and moment of inertia are given for minimum bore.

- (6) Weight is given for maximum bore.
- (7) The amount of grease indicated in the catalogue is for guidance only. For exact amount please refer to coupling instructions.
- (8) n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

Technical modifications reserved

MTG / MTG-HD BASIC DESIGN

INDUSTRIAL



Designation example: **MTG-370**

| SIZE | MTG | | MTG-HD | | n MAX (8) | GENERAL DIMENSIONS (mm) | | | | | | | WEIGHT MAX. (5) | WEIGHT MIN. (6) | MOMENT OF INERTIA (5) | GREASE QTY. (7) |
|---------------|-------------------|---------------|-------------------|---------------|--------------|-------------------------|------|------|------------------------------|-------|----|------|-----------------------|-----------------------|-----------------------------|-----------------------|
| | TN NOMINAL (1) | TP MAX (1) | TN NOMINAL (1) | TP MAX (1) | | D | D1 | D2 | d1-d2 (min-max) (2)(3) | l1-l2 | a | S(4) | | | | |
| MTG MTG-HD | Nm | Nm | Nm | Nm | rpm | D | D1 | D2 | d1-d2 (min-max) (2)(3) | l1-l2 | a | S(4) | kg | kg | J (kgm ²) | kg |
| 280 | 220000 | 440000 | 363000 | 726000 | 1800 | 540 | 465 | 370 | 140-280 | 250 | 16 | 300 | 527 | 346 | 14,95 | 4,0 |
| 310 | 250000 | 500000 | 412500 | 825000 | 1600 | 585 | 505 | 410 | 160-310 | 270 | 16 | 320 | 676 | 442 | 22,93 | 5,1 |
| 345 | 320000 | 640000 | 528000 | 1056000 | 1500 | 650 | 548 | 450 | 180-345 | 290 | 16 | 340 | 884 | 574 | 36,84 | 5,9 |
| 370 | 400000 | 800000 | 660000 | 1320000 | 1400 | 690 | 588 | 490 | 210-370 | 325 | 20 | 370 | 1105 | 733 | 53,16 | 7,2 |
| 390 | 510000 | 1020000 | 841500 | 1683000 | 1300 | 760 | 640 | 520 | 230-390 | 345 | 20 | 400 | 1379 | 957 | 79,63 | 10,7 |
| 420 | 660000 | 1320000 | 1089000 | 2178000 | 1200 | 805 | 690 | 560 | 250-420 | 365 | 20 | 420 | 1667 | 1154 | 110 | 12,0 |
| 460 | 780000 | 1560000 | 1287000 | 2574000 | 1100 | 850 | 730 | 600 | 275-460 | 400 | 20 | 450 | 2043 | 1372 | 153 | 13,8 |
| 500 | 1000000 | 2000000 | 1650000 | 3300000 | 1050 | 930 | 780 | 650 | 300-500 | 410 | 25 | 490 | 2452 | 1643 | 217 | 16,8 |
| 550 | 1200000 | 2400000 | 1980000 | 3960000 | 950 | 995 | 850 | 710 | 325-550 | 430 | 25 | 520 | 3035 | 1991 | 313 | 18,6 |
| 590 | 1600000 | 3200000 | 2640000 | 5280000 | 900 | 1055 | 910 | 760 | 350-590 | 470 | 25 | 550 | 3720 | 2413 | 434 | 28,3 |
| 620 | 1800000 | 3600000 | 2970000 | 5940000 | 850 | 1140 | 970 | 810 | 375-620 | 500 | 30 | 600 | 4648 | 3145 | 633 | 25,2 |
| 650 | 1900000 | 3800000 | 3135000 | 6270000 | 800 | 1190 | 1020 | 840 | 400-650 | 520 | 30 | 630 | 5152 | 3469 | 765 | 33,5 |
| 680 | 2100000 | 4200000 | 3465000 | 6930000 | 750 | 1250 | 1080 | 890 | 425-680 | 540 | 30 | 650 | 5954 | 4077 | 990 | 50,6 |
| 730 | 2600000 | 5200000 | 4290000 | 8580000 | 700 | 1300 | 1150 | 950 | 450-730 | 570 | 30 | 680 | 6956 | 4634 | 1277 | 54,3 |
| 800 | 3800000 | 7600000 | 6270000 | 12540000 | 660 | 1420 | 1270 | 1050 | 475-800 | 600 | 30 | 725 | 9036 | 5971 | 1980 | 72,9 |
| 900 | 5420000 | 10840000 | 8943000 | 17886000 | 590 | 1600 | 1430 | 1180 | 500-900 | 670 | 35 | 800 | 13330 | 8670 | 3663 | 91,9 |
| 1000 | 7250000 | 14500000 | 11962500 | 23925000 | 550 | 1740 | 1570 | 1320 | 525-1000 | 740 | 35 | 890 | 17975 | 11130 | 5766 | 113 |
| 1100 | 8650000 | 17300000 | 14272500 | 28545000 | 500 | 1880 | 1710 | 1450 | 550-1100 | 800 | 35 | 980 | 23150 | 13930 | 8683 | 135 |
| 1200 | 10750000 | 21500000 | 17737500 | 35475000 | 480 | 1990 | 1830 | 1580 | 575-1200 | 850 | 35 | 1030 | 28605 | 16680 | 12239 | 163 |

➤ The coupling is supplied by default with puller holes.
If required, puller holes can also be made for smaller sizes.

➤ Setscrews can be included upon request.
➤ Adapted hub length available upon request.

➤ ATEX certifications are available.
Please, contact Regal Rexnord Jaure product engineering to define the zone and category.



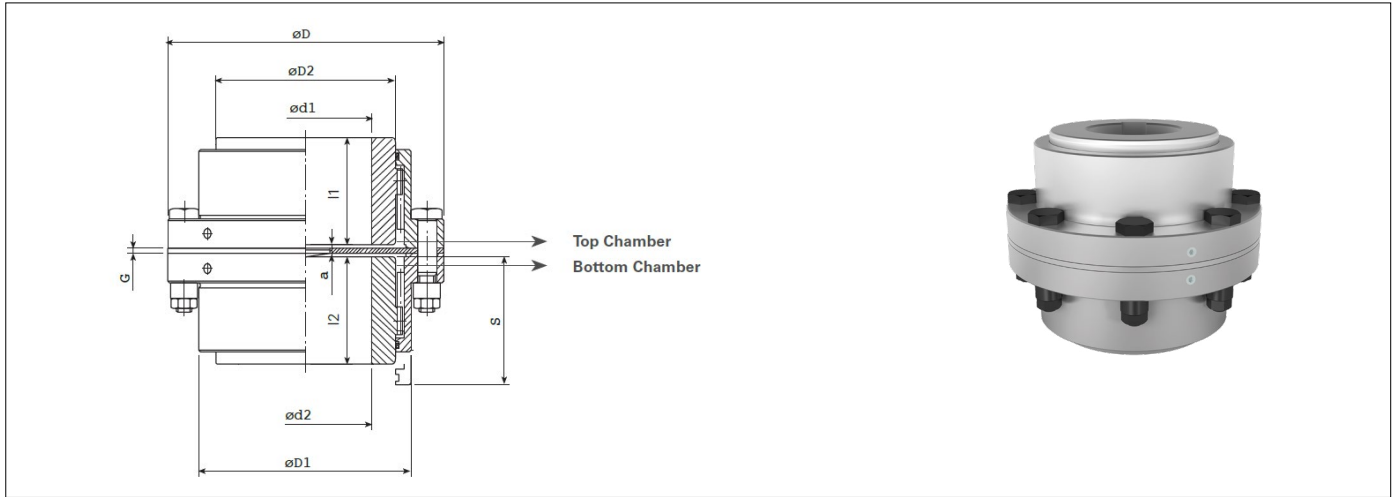
- (1) The torque of the coupling does not include the connection transmission capacity.
- (2) Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.
- (3) Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please contact Regal Rexnord Jaure product engineering.

- (4) Clearance to align coupling hubs and replacement of sealing rings.
- (5) Weight and moment of inertia are given for minimum bore.
- (6) Weight is given for maximum bore.

- (7) The amount of grease indicated in the catalogue is for guidance only. For exact amount please refer to coupling instructions.
- (8) n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

MTV VERTICAL INSTALLATION

INDUSTRIAL



Designation example: **MTV-52**

| SIZE | TN NOMINAL (1) | TP MAX (1) | n MAX (8) | GENERAL DIMENSIONS (mm) | | | | | | | | WEIGHT Max. (5) | WEIGHT Min. (6) | MOMENT OF INERTIA (5) | GREASE QTY. TOP CHAMBER (7) | GREASE QTY. BOTTOM CHAMBER (7) |
|------|----------------|------------|-----------|-------------------------|-------|-----|------------------------|--------|----|---|------|-----------------|-----------------|-----------------------|-----------------------------|--------------------------------|
| | | | | D | D1 | D2 | d1-d2 (Min-Max) (2)(3) | I1- I2 | a | G | S(4) | | | | | |
| MTV | Nm | Nm | rpm | D | D1 | D2 | d1-d2 (Min-Max) (2)(3) | I1- I2 | a | G | S(4) | kg | kg | J (kgm ²) | kg | kg |
| 52 | 1780 | 3600 | 8600 | 111 | 82,5 | 69 | 14-52 | 43 | 6 | 3 | 57 | 4 | 3 | 0,005 | 0,018 | 0,017 |
| 62 | 2790 | 5520 | 7000 | 141 | 104,5 | 85 | 17-62 | 50 | 6 | 3 | 64 | 8 | 6 | 0,017 | 0,038 | 0,032 |
| 78 | 5600 | 11100 | 5800 | 171 | 127,5 | 107 | 20-78 | 62 | 6 | 3 | 76 | 15 | 11 | 0,042 | 0,056 | 0,046 |
| 98 | 8500 | 17400 | 4700 | 210 | 156 | 133 | 26-98 | 76 | 8 | 3 | 92 | 27 | 18 | 0,11 | 0,10 | 0,068 |
| 112 | 14000 | 28200 | 4200 | 234 | 181,5 | 152 | 30-112 | 90 | 8 | 3 | 108 | 40 | 27 | 0,21 | 0,18 | 0,14 |
| 132 | 23000 | 45600 | 3600 | 274 | 210,5 | 178 | 35-132 | 105 | 11 | 5 | 125 | 61 | 44 | 0,47 | 0,28 | 0,21 |
| 156 | 35100 | 69600 | 3200 | 312 | 248,5 | 209 | 70-156 | 120 | 11 | 5 | 140 | 94 | 64 | 0,92 | 0,39 | 0,30 |
| 174 | 44400 | 88000 | 2900 | 337 | 274 | 234 | 85-174 | 135 | 13 | 5 | 162 | 119 | 81 | 1,38 | 0,67 | 0,51 |
| 190 | 68500 | 139600 | 2600 | 380 | 308,5 | 254 | 95-190 | 150 | 13 | 5 | 180 | 170 | 120 | 2,56 | 1,1 | 0,87 |
| 210 | 84600 | 167600 | 2400 | 405 | 334 | 279 | 110-210 | 175 | 14 | 6 | 205 | 217 | 148 | 3,71 | 1,5 | 1,2 |
| 233 | 151000 | 304000 | 2200 | 444 | 365,5 | 305 | 120-233 | 190 | 14 | 6 | 218 | 267 | 174 | 5,17 | 2,0 | 1,7 |
| 275 | 205500 | 407000 | 2000 | 506 | 424 | 355 | 130-275 | 220 | 16 | 6 | 252 | 420 | 261 | 10,67 | 3,1 | 2,6 |

From size 174 (included) the coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.

Setscrews can be included upon request.
Adapted hub length available upon request.

ATEX certifications are available.
Please, contact Regal Rexnord Jaure product engineering to define the zone and category.

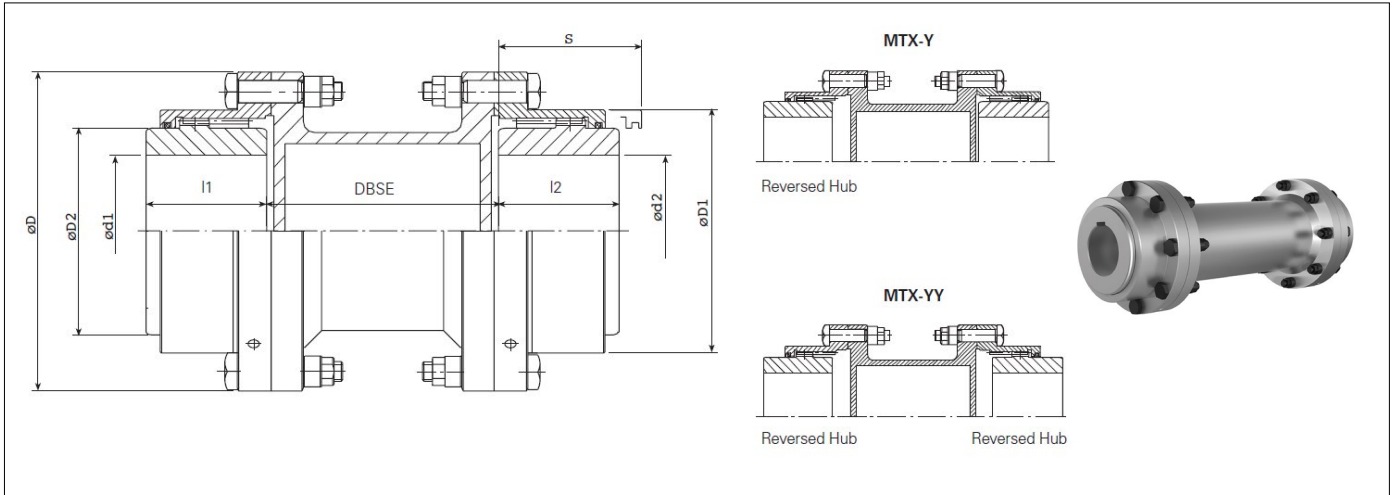


- (1) The torque of the coupling does not include the connection transmission capacity.
- (2) Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.
- (3) Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please consult Regal Rexnord Jaure product engineering.
- (4) Clearance to align coupling hubs and replacement of sealing rings.

- (5) Weight and moment of inertia are given for minimum bore.
- (6) Weight is given for maximum bore.
- (7) The amount of grease indicated in the catalogue is for guidance only. For exact amount please refer to coupling instructions.
- (8) n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

MTX / MTX-HD WITH SPACER

INDUSTRIAL



Designation example: **MTX-132 / DBSE = 1000(mm) / n=1500rpm**
MTX-Y-132 / DBSE = 1000(mm) / n=1500rpm
MTX-YY-132 / DBSE = 1000(mm) / n=1500rpm
 Where "n" is the maximum speed

| SIZE | MTX | | MTX-HD | | n MAX (8) | GENERAL DIMENSIONS (mm) | | | | | | WEIGHT MAX (5) | WEIGHT PER 100MM SPACER | WEIGHT MIN (6) | MOMENT OF INERTIA (5) | MOMENT OF INERTIA PER 100MM SPACER | GREASE QTY (7) |
|---------------|----------------|------------|----------------|------------|---|-------------------------|-------|-----|------------------------|-------|------|----------------|-------------------------|----------------|-----------------------|------------------------------------|----------------|
| | TN NOMINAL (1) | TP MAX (1) | TN NOMINAL (1) | TP MAX (1) | | D | D1 | D2 | d1-d2 (Min-Max) (2)(3) | l1-l2 | S(4) | | | | | | |
| MTX MTX-HD | Nm | Nm | Nm | Nm | rpm | | | | | | | kg | kg | kg | J (kgm ²) | J (kgm ²) | kg |
| 52 | 1780 | 3600 | 2937 | 5940 | For max. allowable speed check fig. n° 7 at page 14 | 111 | 82,5 | 69 | 14-52 | 43 | 57 | 14 | 0,8 | 13 | 0,017 | 0,0009 | 0,030 |
| 62 | 2790 | 5520 | 4604 | 9108 | | 141 | 104,5 | 85 | 17-62 | 50 | 64 | 23 | 1,0 | 21 | 0,047 | 0,0019 | 0,064 |
| 78 | 5600 | 11100 | 9240 | 18315 | | 171 | 127,5 | 107 | 20-78 | 62 | 76 | 36 | 1,5 | 31 | 0,099 | 0,0033 | 0,094 |
| 98 | 8500 | 17400 | 14025 | 28710 | | 210 | 156 | 133 | 26-98 | 76 | 92 | 60 | 2,4 | 52 | 0,27 | 0,0096 | 0,14 |
| 112 | 14000 | 28200 | 23100 | 46530 | | 234 | 181,5 | 152 | 30-112 | 90 | 108 | 80 | 2,7 | 67 | 0,45 | 0,015 | 0,29 |
| 132 | 23000 | 45600 | 37950 | 75240 | | 274 | 210,5 | 178 | 35-132 | 105 | 125 | 113 | 3,9 | 106 | 0,96 | 0,025 | 0,42 |
| 156 | 35100 | 69600 | 57915 | 114840 | | 312 | 248,5 | 209 | 70-156 | 120 | 140 | 169 | 4,7 | 139 | 1,72 | 0,042 | 0,6 |
| 174 | 44400 | 88000 | 73260 | 145200 | | 337 | 274 | 234 | 85-174 | 135 | 162 | 216 | 6,6 | 177 | 2,62 | 0,074 | 1,0 |
| 190 | 68500 | 139600 | 113025 | 230340 | | 380 | 308,5 | 254 | 95-190 | 150 | 180 | 324 | 10,1 | 274 | 5,26 | 0,17 | 1,7 |
| 210 | 84600 | 167600 | 139590 | 276540 | | 405 | 334 | 279 | 110-210 | 175 | 205 | 359 | 8,0 | 290 | 6,48 | 0,14 | 2,5 |
| 233 | 151000 | 304000 | 249150 | 501600 | | 444 | 365,5 | 305 | 120-233 | 190 | 218 | 433 | 12,2 | 340 | 9,32 | 0,29 | 3,5 |
| 275 | 205500 | 407000 | 339075 | 671550 | | 506 | 424 | 355 | 130-275 | 220 | 252 | 659 | 17,2 | 500 | 18,38 | 0,52 | 5,3 |

- From size 174 (included) the coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.
- Distance to be specified by the customer. DBSE is distance between shafts ends, not between flanges.

- Setscrews can be included upon request.
- Adapted hub length available upon request.

- ATEX certifications are available. Please, contact Regal Rexnord Jaure product engineering to define the zone and category.



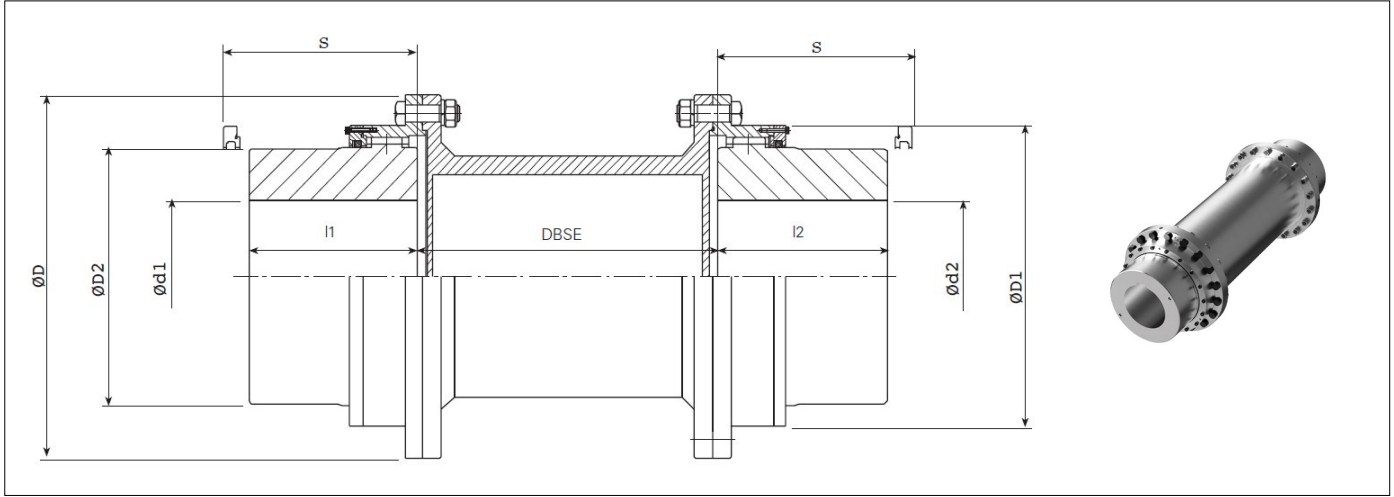
- The torque of the coupling does not include the connection transmission capacity.
- Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.
- Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please contact Regal Rexnord Jaure product engineering.

- Clearance to align coupling hubs and replacement of sealing rings.
- Weight and moment of inertia are given for minimum bore and 1m DBSE.
- Weight is given for maximum bore and 1m DBSE.

- The amount of grease indicated in the catalogue is for guidance only. For exact amount please refer to coupling instructions.
- n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

MTGX / MTGX-HD WITH SPACER

INDUSTRIAL



MTGX-370 / DBSE= 1000 (mm) / n = 750rpm

| SIZE | MTGX | | MTGX-HD | | n MAX (8) | GENERAL DIMENSIONS (mm) | | | | | | WEIGHT MAX. (5) | WEIGHT PER 100MM SPACER | WEIGHT MIN. (6) | MOMENT OF INERTIA (5) | MOMENT OF INERTIA PER 100MM SPACER | GREASE QTY. (7) |
|-----------------|----------------|------------|----------------|------------|---|-------------------------|------|------|------------------------|-------|------|-----------------|-------------------------|-----------------|-----------------------|------------------------------------|-----------------|
| | TN NOMINAL (1) | TP MAX (1) | TN NOMINAL (1) | TP MAX (1) | | D | D1 | D2 | d1-d2 (Min-Max) (2)(3) | l1-l2 | S(4) | | | | | | |
| MTGX MTGX-HD | Nm | Nm | Nm | Nm | rpm | | | | | | | kg | kg | kg | J (kgm ²) | J (kgm ²) | kg |
| 280 | 220000 | 440000 | 363000 | 726000 | For max. allowable speed contact JAURE. | 540 | 443 | 370 | 140-280 | 250 | 300 | 765 | 25,0 | 584 | 23 | 0,72 | 1,7 |
| 310 | 250000 | 500000 | 412500 | 825000 | | 585 | 488 | 410 | 160-310 | 270 | 320 | 935 | 27,8 | 700 | 33 | 0,99 | 2,2 |
| 345 | 320000 | 640000 | 528000 | 1056000 | | 650 | 531 | 450 | 180-345 | 290 | 340 | 1178 | 31,6 | 868 | 53 | 1,45 | 2,5 |
| 370 | 400000 | 800000 | 660000 | 1320000 | | 690 | 571 | 490 | 210-370 | 325 | 370 | 1450 | 36,4 | 1078 | 71 | 1,64 | 3,0 |
| 390 | 510000 | 1020000 | 841500 | 1683000 | | 760 | 627 | 520 | 230-390 | 345 | 400 | 1816 | 46,2 | 1394 | 108 | 2,55 | 3,6 |
| 420 | 660000 | 1320000 | 1089000 | 2178000 | | 805 | 673 | 560 | 250-420 | 365 | 420 | 2072 | 46,4 | 1559 | 142 | 3,19 | 4,5 |
| 460 | 780000 | 1560000 | 1287000 | 2574000 | | 850 | 717 | 600 | 275-460 | 400 | 450 | 2486 | 56,2 | 1815 | 193 | 4,59 | 4,8 |
| 500 | 1000000 | 2000000 | 1650000 | 3300000 | | 930 | 769 | 650 | 300-500 | 410 | 490 | 2997 | 61,2 | 2188 | 279 | 5,90 | 7,0 |
| 550 | 1200000 | 2400000 | 1980000 | 3960000 | | 995 | 834 | 710 | 325-550 | 430 | 520 | 3563 | 65,0 | 2519 | 389 | 8,04 | 7,4 |
| 590 | 1600000 | 3200000 | 2640000 | 5280000 | | 1055 | 894 | 760 | 350-590 | 470 | 550 | 4370 | 81,6 | 3062 | 533 | 11,06 | 9,6 |
| 620 | 1800000 | 3600000 | 2970000 | 5940000 | | 1140 | 944 | 810 | 375-620 | 500 | 600 | 5475 | 92,5 | 3972 | 781 | 13,06 | 11,9 |
| 650 | 1900000 | 3800000 | 3135000 | 6270000 | | 1190 | 984 | 840 | 400-650 | 520 | 630 | 5940 | 89,3 | 4257 | 929 | 14,52 | 14,3 |
| 680 | 2100000 | 4200000 | 3465000 | 6930000 | | 1250 | 1059 | 890 | 425-680 | 540 | 650 | 6810 | 94,9 | 4934 | 1188 | 17,39 | 20,3 |
| 730 | 2600000 | 5200000 | 4290000 | 8580000 | | 1300 | 1109 | 950 | 450-730 | 570 | 680 | 7758 | 106 | 5436 | 1493 | 24,22 | 21,6 |
| 800 | 3800000 | 7600000 | 6270000 | 12540000 | | 1420 | 1224 | 1050 | 475-800 | 600 | 725 | 9990 | 141,7 | 6924 | 2270 | 38,80 | 26,6 |
| 900 | 5420000 | 10840000 | 8943000 | 17886000 | | 1600 | 1384 | 1180 | 500-900 | 670 | 800 | 14308 | 176,1 | 9682 | 4084 | 62,50 | 35,2 |
| 1000 | 7250000 | 14500000 | 11962500 | 23925000 | | 1740 | 1524 | 1320 | 525-1000 | 740 | 890 | 18746 | 198,3 | 12136 | 6265 | 89,19 | 43,7 |
| 1100 | 8650000 | 17300000 | 14272500 | 28545000 | | 1880 | 1664 | 1450 | 550-1100 | 800 | 980 | 23940 | 230 | 14988 | 9238 | 118,66 | 55,5 |
| 1200 | 10750000 | 21500000 | 17737500 | 35475000 | | 1990 | 1784 | 1580 | 575-1200 | 850 | 1030 | 29217 | 254,1 | 17590 | 12806 | 159,84 | 54,6 |

- The coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.
- Distance to be specified by the customer. DBSE is distance between shafts ends, not between flanges.

- Setscrews can be included upon request.
- Adapted hub length available upon request.

- ATEX certifications are available. Please, contact Regal Rexnord Jaure product engineering to define the zone and category.



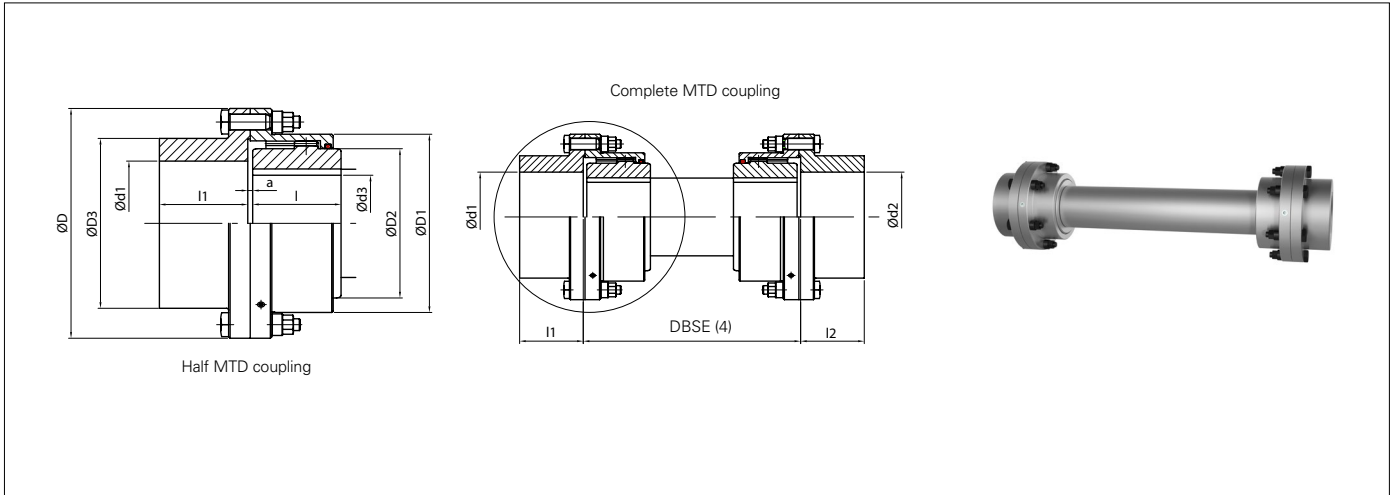
- (1) The torque of the coupling does not include the connection transmission capacity.
- (2) Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.
- (3) Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please contact Regal Rexnord Jaure product engineering.

- (4) Clearance to align coupling hubs and replacement of sealing rings.
- (5) Weight and moment of inertia are given for minimum bore and 1m DBSE.
- (6) Weight is given for maximum bore and 1m DBSE.

- (7) The amount of grease indicated in the catalogue is for guidance only. For exact amount please refer to coupling instructions.
- (8) n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

MTD / MTD-HD WITH FLOATING SHAFT

INDUSTRIAL



Designation example: **MTD-132 / DBSE=1200 (mm) / n = 1500 rpm**

| SIZE | MTD | | MTD-HD | | n MAX (8) | GENERAL DIMENSIONS (mm) | | | | | | | | WEIGHT MAX. (5) | WEIGHT PER 100MM SHAFT | WEIGHT MIN. (6) | MOMENT OF INERTIA (5) | MOMENT OF INERTIA PER 100MM SHAFT | GREASE QTY. (7) |
|---------------|----------------------|------------------|----------------------|------------------|---|-------------------------|-------|-----|-----|---------------------------|------------------------------|--------|----|-----------------------|---------------------------------|-----------------------|--------------------------------|--|-----------------------|
| | TN NOMINAL (1) | TP MAX (1) | TN NOMINAL (1) | TP MAX (1) | | D | D1 | D2 | D3 | d3 (Min-Max) (2)(3) | d1-d2 (Min-Max) (2)(3) | l-1-l2 | a | | | | | | |
| MTD MTD-HD | Nm | Nm | Nm | Nm | rpm | | | | | | | | | | | | | | |
| 52 | 1780 | 3600 | 2937 | 5940 | For max. allowable speed check fig. n° 8 at page 14 | 111 | 82,5 | 69 | 80 | 14-52 | 14-55 | 43 | 3 | 27 | 2,0 | 25 | 0,018 | 0,001 | 0,030 |
| 62 | 2790 | 5520 | 4604 | 9108 | | 141 | 104,5 | 85 | 100 | 17-62 | 17-70 | 50 | 3 | 42 | 2,8 | 40 | 0,048 | 0,002 | 0,064 |
| 78 | 5600 | 11100 | 9240 | 18315 | | 171 | 127,5 | 107 | 125 | 20-78 | 20-90 | 62 | 3 | 68 | 4,4 | 63 | 0,117 | 0,004 | 0,094 |
| 98 | 8500 | 17400 | 14025 | 28710 | | 210 | 156 | 133 | 148 | 26-98 | 26-105 | 76 | 5 | 111 | 6,8 | 103 | 0,30 | 0,01 | 0,14 |
| 112 | 14000 | 28200 | 23100 | 46530 | | 234 | 181,5 | 152 | 173 | 30-112 | 30-120 | 90 | 5 | 150 | 8,6 | 137 | 0,54 | 0,01 | 0,29 |
| 132 | 23000 | 45600 | 37950 | 75240 | | 274 | 210,5 | 178 | 204 | 35-132 | 35-145 | 105 | 6 | 227 | 12,3 | 206 | 1,18 | 0,03 | 0,42 |
| 156 | 35100 | 69600 | 57915 | 114840 | | 312 | 248,5 | 209 | 242 | 70-156 | 70-170 | 120 | 6 | 321 | 17,0 | 292 | 2,28 | 0,06 | 0,60 |
| 174 | 44400 | 88000 | 73260 | 145200 | | 337 | 274 | 234 | 268 | 85-174 | 85-190 | 135 | 8 | 404 | 21,1 | 366 | 3,47 | 0,09 | 1,0 |
| 190 | 68500 | 139600 | 113025 | 230340 | | 380 | 308,5 | 254 | 302 | 95-190 | 95-215 | 150 | 8 | 535 | 24,9 | 485 | 6,13 | 0,13 | 1,7 |
| 210 | 84600 | 167600 | 139590 | 276540 | | 405 | 334 | 279 | 327 | 110-210 | 110-230 | 175 | 8 | 669 | 30,4 | 600 | 9,01 | 0,19 | 2,5 |
| 233 | 151000 | 304000 | 249150 | 501600 | | 444 | 365,5 | 305 | 354 | 120-233 | 120-250 | 190 | 8 | 820 | 37,3 | 727 | 12,18 | 0,28 | 3,5 |
| 275 | 205500 | 407000 | 339075 | 671550 | | 506 | 424 | 355 | 410 | 130-275 | 130-290 | 220 | 10 | 1199 | 51,1 | 1039 | 25,66 | 0,53 | 5,3 |

From size 174 (included) the coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.

Setscrews can be included upon request.
Adapted hub length available upon request.

ATEX certifications are available.
Please, contact Regal Rexnord Jaure product engineering to define the zone and category.



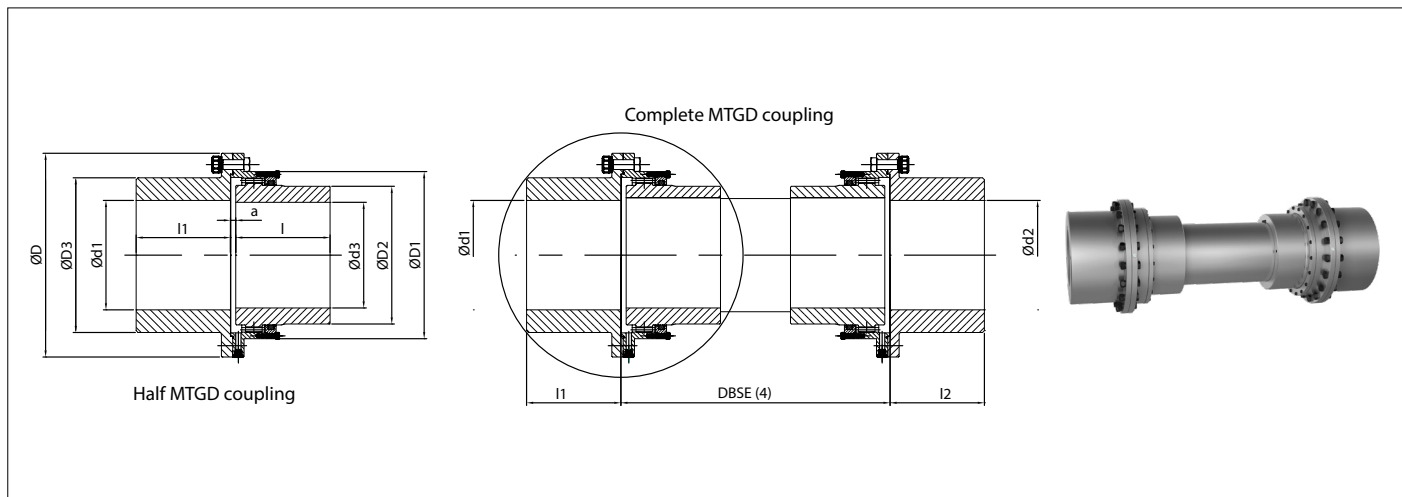
- The torque of the coupling does not include the connection transmission capacity.
- Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.
- Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please contact Regal Rexnord Jaure product engineering.

- Distance to be specified by the customer. DBSE is distance between shafts ends, not between flanges.
- Weight and moment of inertia are given for minimum bore and 1m DBSE for full MTD coupling.
- Weight is given for maximum bore and 1m DBSE for full coupling.

- The amount of grease indicated in the catalogue is for guidance only. For exact amount please refer to coupling instructions.
- n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

MTGD / MTGD-HD WITH INTERMEDIATE FLOATING SHAFT

INDUSTRIAL



Designation example: **MTGD-370 / DBSE=1200 (mm) / n = 750 rpm**

| SIZE | MTGD | | MTGD-HD | | n MAX (8) | GENERAL DIMENSIONS (mm) | | | | | | | | WEIGHT MAX. (5) | WEIGHT PER 100MM SHAFT | WEIGHT MIN. (6) | MOMENT OF INERTIA (5) | MOMENT OF INERTIA PER 100MM SHAFT | GREASE QTY. (7) |
|-----------------|----------------|------------|----------------|------------|--|-------------------------|------|------|------|---------------------|------------------------|---------|----|-----------------|------------------------|-----------------|-----------------------|-----------------------------------|-----------------|
| | TN NOMINAL (1) | TP MAX (1) | TN NOMINAL (1) | TP MAX (1) | | D | D1 | D2 | D3 | d3 (Min-Max) (2)(3) | d1-d2 (Min-Max) (2)(3) | l-I1-I2 | a | | | | | | |
| MTGD MTGD-HD | Nm | Nm | Nm | Nm | rpm | | | | | | | | | kg | kg | kg | J (kgm ²) | J (kgm ²) | kg |
| 280 | 220000 | 440000 | 363000 | 726000 | For max. allowable speed caonctact Jaure | 540 | 465 | 370 | 410 | 140-290 | 140-280 | 250 | 16 | 1980 | 55,5 | 1781 | 33 | 0,624 | 1,7 |
| 310 | 250000 | 500000 | 412500 | 825000 | | 585 | 505 | 410 | 460 | 160-350 | 160-310 | 270 | 16 | 2470 | 67,1 | 2147 | 51 | 0,914 | 2,2 |
| 345 | 320000 | 640000 | 528000 | 1056000 | | 650 | 548 | 450 | 500 | 180-380 | 180-345 | 290 | 16 | 3072 | 82,1 | 2671 | 79 | 1,368 | 2,5 |
| 370 | 400000 | 800000 | 660000 | 1320000 | | 690 | 588 | 490 | 540 | 210-410 | 210-370 | 325 | 20 | 3632 | 93,8 | 3135 | 109 | 1,78 | 3,0 |
| 390 | 510000 | 1020000 | 841500 | 1683000 | | 760 | 640 | 520 | 590 | 230-450 | 230-390 | 345 | 20 | 4258 | 103,6 | 3621 | 155 | 2,18 | 3,6 |
| 420 | 660000 | 1320000 | 1089000 | 2178000 | | 805 | 690 | 560 | 630 | 250-480 | 250-420 | 365 | 20 | 5021 | 122,1 | 4266 | 210 | 3,02 | 4,5 |
| 460 | 780000 | 1560000 | 1287000 | 2574000 | | 850 | 730 | 600 | 680 | 275-520 | 275-460 | 400 | 20 | 6056 | 145,0 | 5096 | 296 | 4,26 | 4,8 |
| 500 | 1000000 | 2000000 | 1650000 | 3300000 | | 930 | 780 | 650 | 730 | 300-560 | 300-500 | 410 | 25 | 7161 | 169,9 | 6031 | 418 | 5,85 | 7,0 |
| 550 | 1200000 | 2400000 | 1980000 | 3960000 | | 995 | 850 | 710 | 790 | 325-600 | 325-550 | 430 | 25 | 8646 | 203,8 | 7297 | 592 | 8,42 | 7,4 |
| 590 | 1600000 | 3200000 | 2640000 | 5280000 | | 1055 | 910 | 760 | 850 | 350-650 | 350-590 | 470 | 25 | 10316 | 237,0 | 8577 | 822 | 11,39 | 9,6 |
| 620 | 1800000 | 3600000 | 2970000 | 5940000 | | 1140 | 970 | 810 | 890 | 375-680 | 375-620 | 500 | 30 | 11848 | 260,5 | 9864 | 1096 | 13,76 | 11,9 |
| 650 | 1900000 | 3800000 | 3135000 | 6270000 | | 1190 | 1020 | 840 | 930 | 400-710 | 400-650 | 520 | 30 | 13094 | 285,1 | 10887 | 1331 | 16,48 | 14,3 |
| 680 | 2100000 | 4200000 | 3465000 | 6930000 | | 1250 | 1080 | 890 | 1010 | 425-770 | 425-680 | 540 | 30 | 15177 | 319,6 | 12432 | 1777 | 20,71 | 20,3 |
| 730 | 2600000 | 5200000 | 4290000 | 8580000 | | 1300 | 1150 | 950 | 1060 | 450-810 | 450-730 | 570 | 30 | 17501 | 375,1 | 14313 | 2276 | 28,53 | 21,6 |
| 800 | 3800000 | 7600000 | 6270000 | 12540000 | | 1420 | 1270 | 1050 | 1170 | 475-900 | 475-800 | 600 | 30 | 21610 | 435,0 | 17286 | 3410 | 38,37 | 26,6 |
| 900 | 5420000 | 10840000 | 8943000 | 17886000 | | 1600 | 1430 | 1180 | 1330 | 500-900 | 500-900 | 670 | 35 | 29654 | 556,4 | 23292 | 6125 | 62,77 | 35,2 |
| 1000 | 7250000 | 14500000 | 11962500 | 23925000 | | 1740 | 1570 | 1320 | 1470 | 525-1000 | 525-1000 | 740 | 35 | 29506 | 692,7 | 20575 | 7999 | 97,30 | 43,7 |
| 1100 | 8650000 | 17300000 | 14272500 | 28545000 | | 1880 | 1710 | 1450 | 1610 | 550-1100 | 550-1100 | 800 | 35 | 36272 | 829,6 | 24332 | 10894 | 140 | 55,5 |
| 1200 | 10750000 | 21500000 | 17737500 | 35475000 | | 1990 | 1830 | 1580 | 1730 | 575-1200 | 575-1200 | 850 | 35 | 43404 | 978,8 | 28607 | 16590 | 194 | 54,6 |

► The coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.

► Setscrews can be included upon request.
 ► Adapted hub length available upon request.

► ATEX certifications are available.
 Please, contact Regal Rexnord Jaure product engineering to define the zone and category.



- (1) The torque of the coupling does not include the connection transmission capacity.
- (2) Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.
- (3) Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please consult Regal Rexnord Jaure product engineering.

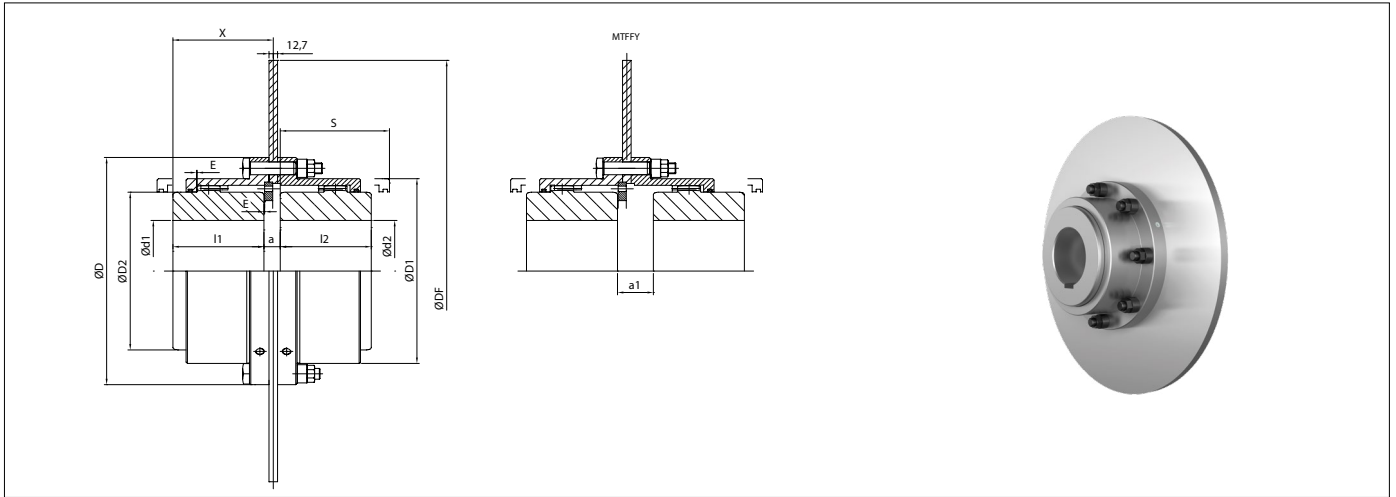
- (4) Distance to be specified by the customer. DBSE is distance between shafts ends, not between flanges.
- (5) Weight and moment of inertia are given for minimum bore and 2.5 m DBSE for full MTGD coupling.
- (6) Weight is given for maximum bore and 2.5 m DBSE for full MTGD coupling.

- (7) The amount of grease indicated in the catalogue is for guidance only. For exact amount please refer to coupling instructions.
- (8) n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

Technical modifications reserved

MTFF WITH INTERMEDIATE BRAKE DISC AND AXIALLY LIMITED

INDUSTRIAL



Designation example: **MTFF-132 / DF = 625 (mm) / b = 12.7 (mm) / n = 1800 (rpm)**

Where "n" is the maximum speed

| SIZE | TN NOMINAL (1) | TP MAX (1) | n MAX (8)(9) | GENERAL DIMENSIONS (mm) | | | | | | | | | | | WEIGHT Max. (5) | WEIGHT Min. (6) | MOMENT OF INERTIA (5) | GREASE QTY. (7) |
|------|----------------|------------|------------------------------|-------------------------|-------|-----|--------------------------|-----|-----|------------------------|-------|----|----|------|----------------------|----------------------|----------------------------------|-----------------|
| | | | | D | D1 | D2 | DF | X | E | d1-d2 (Min-Max) (2)(3) | I1-I2 | a | a1 | S(3) | | | | |
| MTFF | Nm | Nm | rpm | D | D1 | D2 | DF | X | E | d1-d2 (Min-Max) (2)(3) | I1-I2 | a | a1 | S(3) | kg | kg | J (kgm ²) | kg |
| 52 | 1800 | 3600 | 4200 3500 | 111 | 82,5 | 69 | 215 315 | 52 | 0,5 | 14-52 | 43 | 17 | 19 | 57 | 9 11 | 8 10 | 0,043 0,101 | 0,043 |
| 62 | 2760 | 5520 | 3500 3100 2800 | 141 | 104,5 | 85 | 315 355 395 | 59 | 0,5 | 17-62 | 50 | 17 | 22 | 64 | 15 17 20 | 13 15 18 | 0,112 0,171 0,254 | 0,086 |
| 78 | 5550 | 11100 | 2900 2500 2200 2000 | 171 | 127,5 | 107 | 395 445 495 550 | 71 | 0,5 | 20-78 | 62 | 17 | 28 | 76 | 25 29 32 37 | 21 25 28 33 | 0,277 0,422 0,626 0,934 | 0,12 |
| 98 | 8700 | 17400 | 2500 2200 2000 1800 | 210 | 156 | 133 | 445 495 550 625 | 87 | 0,5 | 26-98 | 76 | 20 | 27 | 92 | 40 44 49 55 | 32 36 41 47 | 0,492 0,695 1,00 1,60 | 0,17 |
| 112 | 14100 | 28200 | 2200 2000 1800 1600 | 234 | 181,5 | 152 | 495 550 625 705 | 101 | 0,5 | 30-112 | 90 | 20 | 39 | 108 | 57 61 68 76 | 44 48 53 63 | 0,78 1,09 1,69 2,61 | 0,34 |
| 132 | 22800 | 45600 | 1800 1600 1400 | 274 | 210,5 | 178 | 625 705 795 | 116 | 1 | 35-132 | 105 | 21 | 42 | 125 | 86 95 105 | 70 79 89 | 1,94 2,86 4,35 | 0,50 |
| 156 | 34800 | 69600 | 1800 1600 1400 | 312 | 248,5 | 209 | 625 705 795 | 131 | 1 | 70-156 | 120 | 21 | 47 | 140 | 119 127 138 | 89 97 108 | 2,36 3,28 4,78 | 0,70 |
| 174 | 44000 | 88000 | 1800 1600 1400 | 337 | 274 | 234 | 625 705 795 | 149 | 1 | 85-174 | 135 | 24 | 53 | 162 | 142 150 161 | 104 112 123 | 2,80 3,73 5,22 | 1,2 |
| 190 | 69800 | 139600 | 1800 1300 1200 | 380 | 308,5 | 254 | 625 705 795 | 163 | 1 | 95-190 | 150 | 24 | 66 | 180 | 192 200 211 | 142 150 161 | 3,95 4,87 6,36 | 2,0 |
| 210 | 83800 | 167600 | 1600 1400 | 405 | 334 | 279 | 705 795 | 188 | 1 | 110-210 | 175 | 24 | 68 | 205 | 245 256 | 176 187 | 5,97 7,46 | 2,7 |
| 233 | 152000 | 304000 | 1400 | 444 | 365,5 | 305 | 795 | 203 | 1 | 120-233 | 190 | 24 | 74 | 218 | 304 | 211 | 8,85 | 3,8 |

From size 174 (included) the coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.

Modified brake disc dimensions on request.
Setscrews can be included upon request.
Adapted hub length available upon request.

ATEX certifications are available.
Please, contact Regal Rexnord Jaure product engineering to define the zone and category.



- (1) When calculating the nominal torque of the coupling neither the connection nor the braking system are considered.
For more details, please, contact Regal Rexnord Jaure product engineering.
- (2) Minimum dimensions refer to already machined bore.
For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.
- (3) Max. allowable bore for couplings with DIN 6885/1 keys.
For other types of keys or connections please contact Regal Rexnord Jaure product engineering.

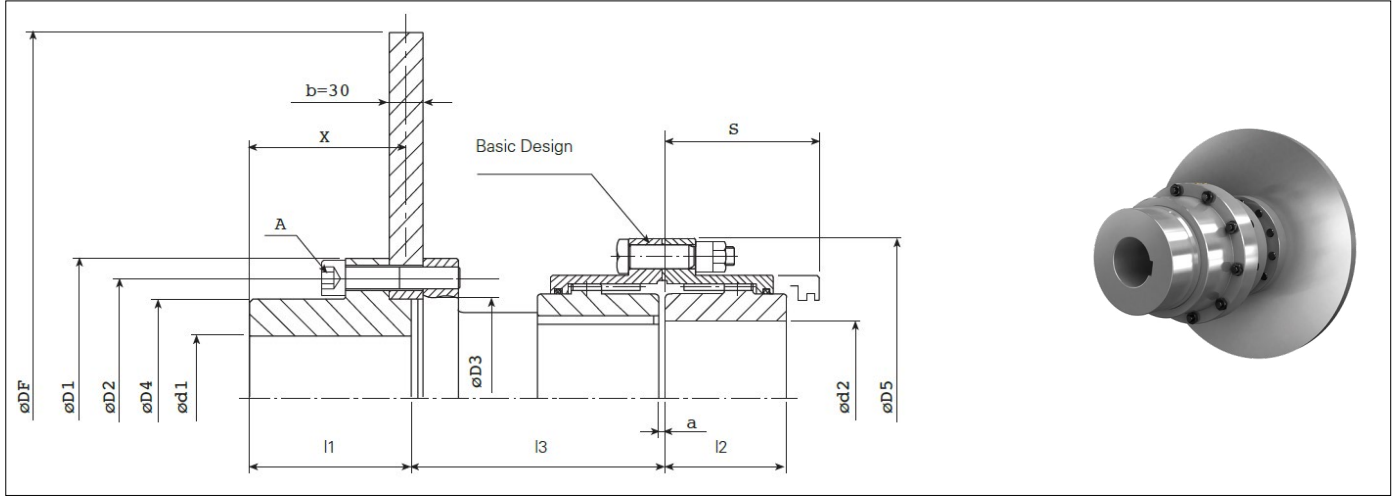
- (4) Clearance to align coupling hubs and replacement of sealing rings.
- (5) Weight and moment of inertia are given for minimum bore.
- (6) Weight is given for maximum bore.
- (7) The amount of grease indicated in the catalogue is for guidance only.
For exact amount please refer to coupling instructions.

- (8) Maximum speed calculated according to standard brake material (S 355).
For higher speed, please contact Regal Rexnord Jaure product engineering.
- (9) n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

Technical modifications reserved

MTFS WITH SIDE BRAKE DISC

INDUSTRIAL



Designation example: **MTFS-132 / D = 625 (mm) / b = 30 (mm) / n = 1200 (rpm)**
Where "n" is the maximum speed

| SIZE | TN NOMINAL (1) | TP MAX (1) | n MAX (8)(10) | GENERAL DIMENSIONS (mm) | | | | | | | | | | | | BOLTS DATA pos A | | | WEIGHT MAX. (5) | WEIGHT MIN. (6) | MOMENT OF INERTIA (5) | GREASE QTY. (7) |
|------|----------------|------------|---------------|-------------------------|-----|-----|------------|-----|-----|-------------|---------------------|-----|-----|--------|--------|------------------|-------|-------|-----------------|-----------------|-----------------------|-----------------|
| | | | | DF | D1 | D2 | D3 (H7/f8) | D4 | D5 | d1(Max) (3) | d2 (Min-Max) (2)(3) | l1 | l2 | l3 (9) | S(4) | X | Z-M | Nm | | | | |
| 62 | 2790 | 5520 | 3500 | 315 | 124 | 105 | 85 | 82 | 100 | 50 | 107 | 107 | 117 | 117 | 117 | 102 | 9-M10 | 49 | 34 | 31 | 0,253 | 0,064 |
| | | | 3100 | 355 | 145 | 125 | 105 | 100 | 60 | 107 | 107 | 117 | 117 | 102 | 9-M12 | 86 | 42 | 38 | 0,402 | | | |
| | | | 2800 | 395 | 165 | 140 | 115 | 110 | 70 | 107 | 107 | 117 | 117 | 102 | 9-M14 | 135 | 50 | 46 | 0,612 | | | |
| | | | 2500 | 445 | 175 | 146 | 120 | 112 | 70 | 140 | 140 | 140 | 64 | 135 | 12-M16 | 210 | 63 | 58 | 0,972 | | | |
| 78 | 5600 | 11100 | 2800 | 395 | 165 | 140 | 110 | 165 | 100 | 70 | 107 | 117 | 117 | 102 | 9-M14 | 135 | 57 | 51 | 0,634 | 0,094 | | |
| | | | 2500 | 445 | 175 | 146 | 120 | 112 | 70 | 140 | 140 | 62 | 135 | 12-M16 | 210 | 70 | 64 | 0,996 | | | | |
| | | | 2200 | 495 | 218 | 190 | 160 | 155 | 100 | 140 | 140 | 145 | 76 | 135 | 12-M18 | 290 | 92 | 82 | 1,565 | | | |
| | | | 2000 | 550 | 218 | 190 | 160 | 155 | 100 | 140 | 140 | 145 | 92 | 135 | 12-M18 | 290 | 104 | 93 | 2,3 | | | |
| 98 | 8500 | 17400 | 2500 | 445 | 175 | 146 | 120 | 112 | 100 | 70 | 140 | 140 | 145 | 135 | 12-M16 | 210 | 82 | 74 | 1,063 | 0,14 | | |
| | | | 2200 | 495 | 218 | 190 | 160 | 155 | 100 | 140 | 140 | 164 | 135 | 12-M18 | 290 | 106 | 93 | 1,640 | | | | |
| | | | 2000 | 550 | 218 | 190 | 160 | 155 | 100 | 140 | 140 | 164 | 92 | 135 | 12-M18 | 290 | 117 | 104 | 2,367 | | | |
| | | | 1800 | 625 | 238 | 205 | 170 | 168 | 105 | 140 | 140 | 164 | 108 | 135 | 12-M20 | 410 | 140 | 126 | 3,85 | | | |
| 112 | 14000 | 28200 | 2200 | 495 | 218 | 190 | 160 | 155 | 100 | 100 | 140 | 140 | 180 | 135 | 12-M18 | 290 | 120 | 106 | 1,73 | 0,29 | | |
| | | | 2000 | 550 | 218 | 190 | 160 | 155 | 100 | 140 | 140 | 90 | 135 | 12-M18 | 290 | 131 | 117 | 2,46 | | | | |
| | | | 1800 | 625 | 238 | 205 | 170 | 168 | 105 | 140 | 140 | 180 | 108 | 135 | 12-M20 | 410 | 154 | 139 | 3,94 | | | |
| | | | 1600 | 705 | 268 | 230 | 195 | 190 | 120 | 140 | 140 | 180 | 135 | 12-M22 | 550 | 185 | 167 | 6,27 | | | | |
| 132 | 23000 | 45600 | 1800 | 625 | 238 | 205 | 170 | 168 | 105 | 120 | 140 | 105 | 135 | 12-M20 | 410 | 178 | 160 | 4,18 | 0,42 | | | |
| | | | 1600 | 705 | 268 | 230 | 195 | 190 | 120 | 140 | 105 | 196 | 125 | 135 | 12-M22 | 550 | 195 | 189 | | 6,51 | | |
| | | | 1400 | 795 | 300 | 260 | 220 | 216 | 135 | 140 | 105 | 196 | 125 | 135 | 12-M24 | 710 | 250 | 225 | | 10,27 | | |
| | | | 1800 | 625 | 238 | 205 | 170 | 168 | 105 | 140 | 120 | 223 | 140 | 135 | 12-M20 | 410 | 216 | 192 | | 4,60 | | |
| 156 | 35100 | 69600 | 1600 | 705 | 268 | 230 | 195 | 190 | 120 | 140 | 140 | 120 | 223 | 135 | 12-M22 | 550 | 248 | 221 | 6,93 | 0,60 | | |
| | | | 1400 | 795 | 300 | 260 | 220 | 216 | 135 | 140 | 120 | 223 | 140 | 135 | 12-M24 | 710 | 287 | 257 | 10,69 | | | |
| | | | 1800 | 625 | 238 | 205 | 170 | 168 | 105 | 140 | 140 | 223 | 140 | 135 | 12-M20 | 410 | 216 | 192 | 4,60 | | | |
| | | | 1600 | 705 | 268 | 230 | 195 | 190 | 120 | 140 | 140 | 223 | 140 | 135 | 12-M22 | 550 | 248 | 221 | 6,93 | | | |
| 174 | 44400 | 88000 | 1600 | 705 | 268 | 230 | 195 | 190 | 120 | 140 | 140 | 135 | 238 | 135 | 12-M22 | 550 | 281 | 250 | 7,39 | 1,0 | | |
| | | | 1400 | 795 | 300 | 260 | 220 | 216 | 135 | 140 | 135 | 238 | 162 | 135 | 12-M24 | 710 | 320 | 286 | 11,15 | | | |

- From size 174 (included) the coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.
- Modified brake disc dimensions on request.

- Anti-fall system version can be supplied on demand.
- Setscrews can be included upon request.
- Adapted hub length available upon request.

- ATEX certifications are available. Please, contact Regal Rexnord Jaure product engineering to define the zone and category.



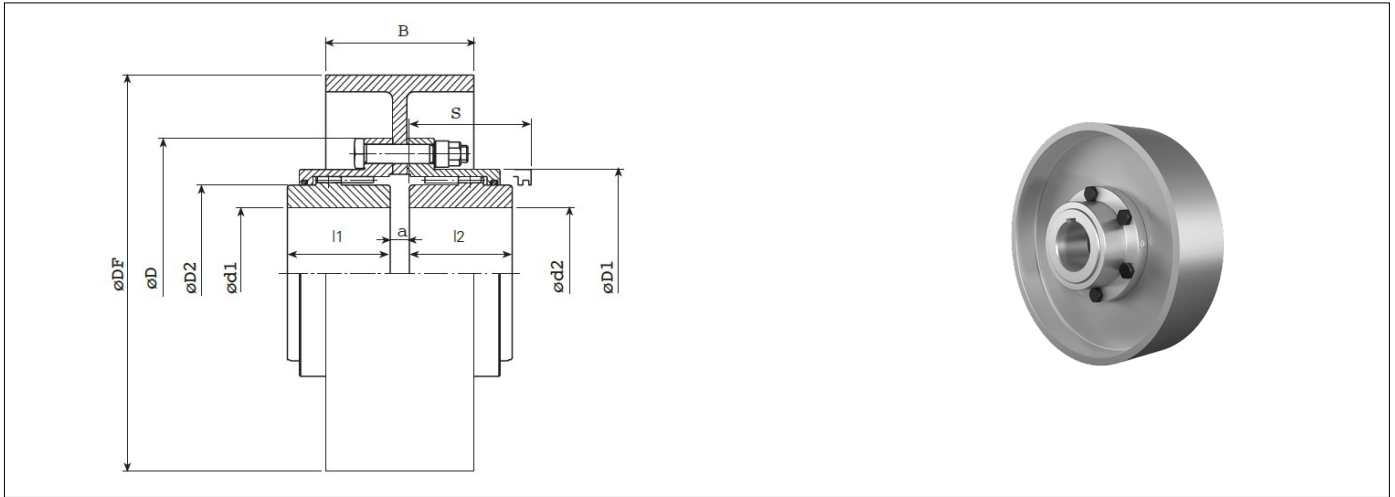
- When calculating the nominal torque of the coupling neither the connection nor the braking system are considered. For more details, please, contact Regal Rexnord Jaure product engineering.
- Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.
- Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please contact Regal Rexnord Jaure product engineering.

- Clearance to align coupling hubs and replacement of sealing rings.
- Weight and moment of inertia are given for minimum bore.
- Weight is given for maximum bore.
- The amount of grease indicated in the catalogue is for guidance only.

- Maximum speed calculated according to standard brake material (S 355). For higher speed, please contact Regal Rexnord Jaure product engineering.
- l3 can be supplied with different length on demand.
- n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

MTF WITH INTERMEDIATE BRAKE DRUM

INDUSTRIAL



Designation example: **MTF-132 / DF = 450 (mm) / n = 1200 (rpm)**
Where "n" is the maximum speed

| SIZE | TN NOMINAL (1) | TP MAX (1) | n MAX (8)(9) | GENERAL DIMENSIONS (mm) | | | | | | | | | WEIGHT MAX. (5) | WEIGHT MIN. (6) | MOMENT OF INERTIA (5) | GREASE QTY. (7) |
|------|----------------|------------|--------------|-------------------------|-------|-----|-----|-----|------------------------|-------|----|------|-----------------|-----------------|-----------------------|-----------------|
| | | | | D | D1 | D2 | DF | B | d1-d2 (Min-Max) (2)(3) | l1-l2 | a | S(4) | | | | |
| MTF | Nm | Nm | rpm | D | D1 | D2 | DF | B | d1-d2 (Min-Max) (2)(3) | l1-l2 | a | S(4) | kg | kg | J (kgm ²) | kg |
| 52 | 1780 | 3600 | 2850 | 111 | 82,5 | 69 | 200 | 75 | 14-52 | 43 | 13 | 57 | 9 | 8 | 0,045 | 0,041 |
| 62 | 2790 | 5520 | 2850 | 141 | 104,5 | 85 | 200 | 75 | 17-62 | 50 | 13 | 64 | 13 | 11 | 0,056 | 0,078 |
| | | | 2300 | | | | 95 | 14 | | | | | 14 | 0,119 | 0,078 | |
| | | | 1800 | | | | 118 | 22 | | | | | 22 | 0,326 | 0,078 | |
| 78 | 5600 | 11100 | 2300 | 171 | 127,5 | 107 | 250 | 95 | 20-78 | 62 | 13 | 76 | 23 | 19 | 0,144 | 0,12 |
| | | | 1800 | | | | 118 | 15 | | | | | 26 | 0,351 | 0,12 | |
| | | | 1650 | | | | 130 | 15 | | | | | 30 | 0,519 | 0,12 | |
| | | | 1450 | | | | 150 | 19 | | | | | 45 | 1,112 | 0,13 | |
| 98 | 8500 | 17400 | 1800 | 210 | 156 | 133 | 315 | 118 | 26-98 | 76 | 17 | 92 | 42 | 33 | 0,411 | 0,17 |
| | | | 1650 | | | | 130 | 19 | | | | | 47 | 0,604 | 0,18 | |
| | | | 1450 | | | | 150 | 19 | | | | | 60 | 1,152 | 0,18 | |
| 112 | 14000 | 28200 | 1800 | 234 | 181,5 | 152 | 315 | 118 | 30-112 | 90 | 17 | 108 | 54 | 41 | 0,50 | 0,34 |
| | | | 1650 | | | | 130 | 19 | | | | | 47 | 0,70 | 0,35 | |
| | | | 1450 | | | | 150 | 19 | | | | | 59 | 1,24 | 0,35 | |
| | | | 1300 | | | | 170 | 19 | | | | | 79 | 1,77 | 0,35 | |
| 132 | 23000 | 45600 | 1450 | 274 | 210,5 | 178 | 400 | 150 | 35-132 | 105 | 20 | 125 | 90 | 73 | 1,48 | 0,51 |
| | | | 1300 | | | | 170 | 20 | | | | | 80 | 2,01 | 0,51 | |
| | | | 1150 | | | | 190 | 20 | | | | | 107 | 2,88 | 0,51 | |
| 156 | 35100 | 69600 | 1150 | 312 | 248,5 | 209 | 500 | 190 | 70-156 | 120 | 21 | 140 | 142 | 112 | 3,37 | 0,71 |
| | | | 1100 | | | | 195 | 21 | | | | | 120 | 4,10 | 0,71 | |
| | | | 1000 | | | | 236 | 24 | | | | | 163 | 8,68 | 0,73 | |
| | | | 800 | | | | 265 | 26 | | | | | 208 | 14,07 | 0,73 | |
| 174 | 44400 | 88000 | 1150 | 337 | 274 | 234 | 500 | 190 | 85-174 | 135 | 23 | 162 | 168 | 130 | 3,85 | 1,2 |
| | | | 1100 | | | | 176 | 23 | | | | | 138 | 4,58 | 1,2 | |
| | | | 1000 | | | | 180 | 26 | | | | | 180 | 9,16 | 1,2 | |
| | | | 800 | | | | 265 | 26 | | | | | 208 | 14,07 | 1,2 | |

- From size 174 (included) the coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.
- Anti-fall system version can be supplied on demand.

- Setscrews can be included upon request.
- Adapted hub length available upon request.

- ATEX certifications are available. Please, contact Regal Rexnord Jaure product engineering to define the zone and category.



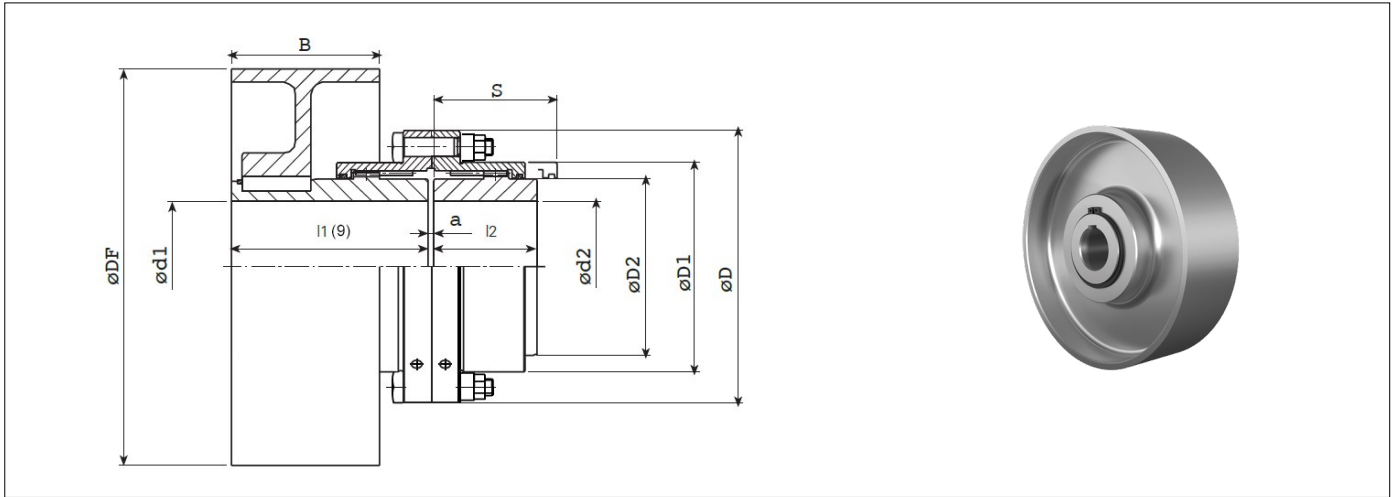
- When calculating the nominal torque of the coupling neither the connection nor the braking system are considered. For more details, please, contact Regal Rexnord Jaure product engineering.
- Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.
- Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please contact Regal Rexnord Jaure product engineering.

- Clearance to align coupling hubs and replacement of sealing rings.
- Weight and moment of inertia are given for minimum bore.
- Weight is given for maximum bore.
- The amount of grease indicated in the catalogue is for guidance only. For exact amount please refer to coupling instructions.

- Maximum speed calculated according to standard brake material (EN-GJL250) For higher speed, please contact Regal Rexnord Jaure product engineering.
- n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

MTFE WITH SIDE BRAKE DRUM

INDUSTRIAL



Designation example: **MTFE-132 / DF = 450 (mm) n = 1200 (rpm)**
Where "n" is the maximum speed

| SIZE | TN NOMINAL (1) | TP MAX (1) | n MAX (8)(10) | GENERAL DIMENSIONS (mm) | | | | | | | | | | WEIGHT MAX. (5) | WEIGHT MIN. (6) | MOMENT OF INERTIA (5) | GREASE QTY. (7) | |
|------|----------------|------------|---------------|-------------------------|-------|-----|-----|-----|------------------------|--------|-----|-----|------|-----------------|-----------------|-----------------------|-----------------|-------|
| | | | | D | D1 | D2 | DF | B | d1-d2 (Min-Max) (2)(3) | l1 (9) | l2 | a | S(4) | | | | | |
| 52 | 1780 | 3600 | 2850 | 111 | 82,5 | 69 | 200 | 75 | 14-52 | 105 | 43 | 3 | 57 | 11 | 8 | 0,040 | 0,030 | |
| 62 | 2790 | 5520 | 2850 | 141 | 104,5 | 85 | 200 | 75 | 17-62 | 115 | 50 | 3 | 64 | 17 | 13 | 0,060 | 0,064 | |
| | | | 250 | | | | 95 | 125 | | 3 | | 18 | | | | | | 0,126 |
| | | | 315 | | | | 118 | 140 | | 3 | | 24 | | | | | | 0,296 |
| 78 | 5600 | 11100 | 2300 | 171 | 127,5 | 107 | 250 | 95 | 20-78 | 130 | 62 | 3 | 76 | 30 | 24 | 0,166 | 0,094 | |
| | | | 315 | | | | 118 | 145 | | 3 | | 32 | | | | | | 0,359 |
| | | | 350 | | | | 130 | 145 | | 3 | | 37 | | | | | | 0,550 |
| | | | 400 | | | | 150 | 160 | | 3 | | 51 | | | | | | 1,060 |
| 98 | 8500 | 17400 | 1800 | 210 | 156 | 133 | 315 | 118 | 26-98 | 155 | 76 | 5 | 92 | 55 | 42 | 0,460 | 0,14 | |
| | | | 350 | | | | 130 | 155 | | 5 | | 49 | | | | | | 0,670 |
| | | | 400 | | | | 150 | 170 | | 5 | | 63 | | | | | | 1,190 |
| 112 | 14000 | 28200 | 1800 | 234 | 181,5 | 152 | 315 | 118 | 30-112 | 155 | 90 | 5 | 108 | 66 | 48 | 0,54 | 0,29 | |
| | | | 350 | | | | 130 | 155 | | 5 | | 54 | | | | | | 0,74 |
| | | | 400 | | | | 150 | 170 | | 5 | | 69 | | | | | | 1,28 |
| | | | 450 | | | | 170 | 180 | | 5 | | 88 | | | | | | 2,12 |
| 132 | 23000 | 45600 | 1450 | 274 | 210,5 | 178 | 400 | 150 | 35-132 | 200 | 105 | 6 | 125 | 119 | 88 | 1,59 | 0,42 | |
| | | | 450 | | | | 170 | 210 | | 6 | | 105 | | | | | | 2,42 |
| | | | 500 | | | | 190 | 220 | | 6 | | 158 | | | | | | 3,76 |
| 156 | 35100 | 69600 | 1150 | 312 | 248,5 | 209 | 500 | 190 | 70-156 | 220 | 120 | 6 | 140 | 181 | 144 | 4,16 | 0,60 | |
| | | | 530 | | | | 195 | 220 | | 6 | | 192 | | | | | | 4,90 |
| | | | 530 | | | | 195 | 236 | | 6 | | 239 | | | | | | 9,16 |
| | | | 630 | | | | 236 | 250 | | 6 | | 239 | | | | | | 9,16 |
| 174 | 44400 | 88000 | 1150 | 337 | 274 | 234 | 500 | 190 | 85-174 | 235 | 135 | 8 | 162 | 225 | 172 | 4,96 | 1,0 | |
| | | | 530 | | | | 195 | 235 | | 8 | | 231 | | | | | | 5,69 |
| | | | 630 | | | | 236 | 265 | | 8 | | 273 | | | | | | 9,85 |
| | | | 710 | | | | 265 | 280 | | 8 | | 304 | | | | | | 14,66 |
| | | | 710 | | | | 265 | 280 | | 8 | | 304 | | | | | | 14,66 |

From size 174 (included) the coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.

Anti-fall system version can be supplied on demand.
Setscrews can be included upon request.
Adapted hub length available upon request.

ATEX certifications are available.
Please, contact Regal Rexnord Jaure product engineering to define the zone and category.



(1) When calculating the nominal torque of the coupling neither the connection nor the braking system are considered.
For more details, please, contact Regal Rexnord Jaure product engineering.

(2) Minimum dimensions refer to already machined bore.
For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.

(3) Max. allowable bore for couplings with DIN 6885/1 keys.
For other types of keys or connections please contact Regal Rexnord Jaure product engineering.

(4) Clearance to align coupling hubs and replacement of sealing rings.

(5) Weight and moment of inertia are given for minimum bore.

(6) Weight is given for maximum bore.

(7) The amount of grease indicated in the catalogue is for guidance only.
For exact amount please refer to coupling instructions.

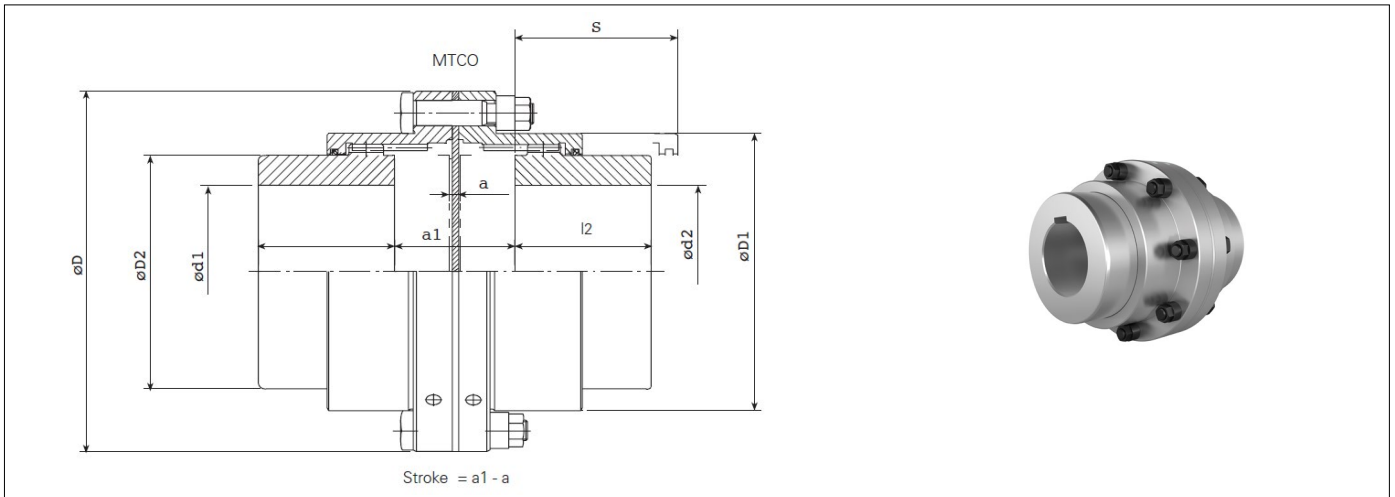
(8) When calculating the maximum allowed speed, we just consider the type of material of the brake drums EN-GJL-250. For other speed or materials, please, contact Regal Rexnord Jaure product engineering.

(9) l1 can be supplied with different length on demand.

(10) n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

MTCO WITH AXIAL STROKE

INDUSTRIAL



Designation example: **MTCO-132**

| SIZE | TN NOMINAL (1) | TP MAX (1) | n MAX (8) | GENERAL DIMENSIONS (mm) | | | | | | | | WEIGHT MAX. (5) | WEIGHT MIN. (6) | MOMENT OF INERTIA (5) | GREASE QTY. (7) |
|------|-------------------|------------------|--------------|-------------------------|-------|-----|------------------------------|-------|----|-----|------|-----------------------|-----------------------|-----------------------------|-----------------------|
| | | | | D | D1 | D2 | d1-d2 (Min-Max) (2)(3) | l1-l2 | a | a1 | S(4) | | | | |
| MTCO | Nm | Nm | rpm | D | D1 | D2 | d1-d2 (Min-Max) (2)(3) | l1-l2 | a | a1 | S(4) | kg | kg | J (kgm ²) | kg |
| 52 | 1780 | 3600 | 8600 | 111 | 82,5 | 69 | 14-52 | 43 | 6 | 26 | 57 | 4 | 3 | 0,005 | 0,030 |
| 62 | 2790 | 5520 | 7000 | 141 | 104,5 | 85 | 17-62 | 50 | 6 | 36 | 64 | 8 | 6 | 0,016 | 0,064 |
| 78 | 5600 | 11100 | 5800 | 171 | 127,5 | 107 | 20-78 | 62 | 6 | 46 | 76 | 14 | 10 | 0,040 | 0,094 |
| 98 | 8500 | 17400 | 4700 | 210 | 156 | 133 | 26-98 | 76 | 8 | 58 | 92 | 26 | 18 | 0,11 | 0,14 |
| 112 | 14000 | 28200 | 4200 | 234 | 181,5 | 152 | 30-112 | 90 | 8 | 88 | 108 | 39 | 26 | 0,20 | 0,29 |
| 132 | 23000 | 45600 | 3600 | 274 | 210,5 | 178 | 35-132 | 105 | 11 | 92 | 125 | 58 | 42 | 0,45 | 0,42 |
| 156 | 35100 | 69600 | 3200 | 312 | 248,5 | 209 | 70-156 | 120 | 11 | 102 | 140 | 91 | 61 | 0,88 | 0,60 |
| 174 | 44400 | 88000 | 2900 | 337 | 274 | 234 | 85-174 | 135 | 13 | 122 | 162 | 115 | 77 | 1,33 | 1,0 |
| 190 | 68500 | 139600 | 2600 | 380 | 308,5 | 254 | 95-190 | 150 | 13 | 146 | 180 | 165 | 115 | 2,48 | 1,7 |
| 210 | 84600 | 167600 | 2400 | 405 | 334 | 279 | 110-210 | 175 | 14 | 168 | 205 | 211 | 142 | 3,59 | 2,5 |
| 233 | 151000 | 304000 | 2200 | 444 | 365,5 | 305 | 120-233 | 190 | 14 | 180 | 218 | 260 | 167 | 5,00 | 3,5 |
| 275 | 205500 | 407000 | 2000 | 506 | 424 | 355 | 130-275 | 220 | 16 | 212 | 252 | 411 | 252 | 10,39 | 5,3 |

From size 174 (included) the coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.

Setscrews can be included upon request.
Adapted hub length available upon request.

ATEX certifications are available.
Please, contact Regal Rexnord Jaure product engineering to define the zone and category.



(1) The torque of the coupling does not include the connection transmission capacity.

(2) Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.

(3) Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please contact Regal Rexnord Jaure product engineering.

(4) Clearance to align coupling hubs and replacement of sealing rings.

(5) Weight and moment of inertia are given for minimum bore.

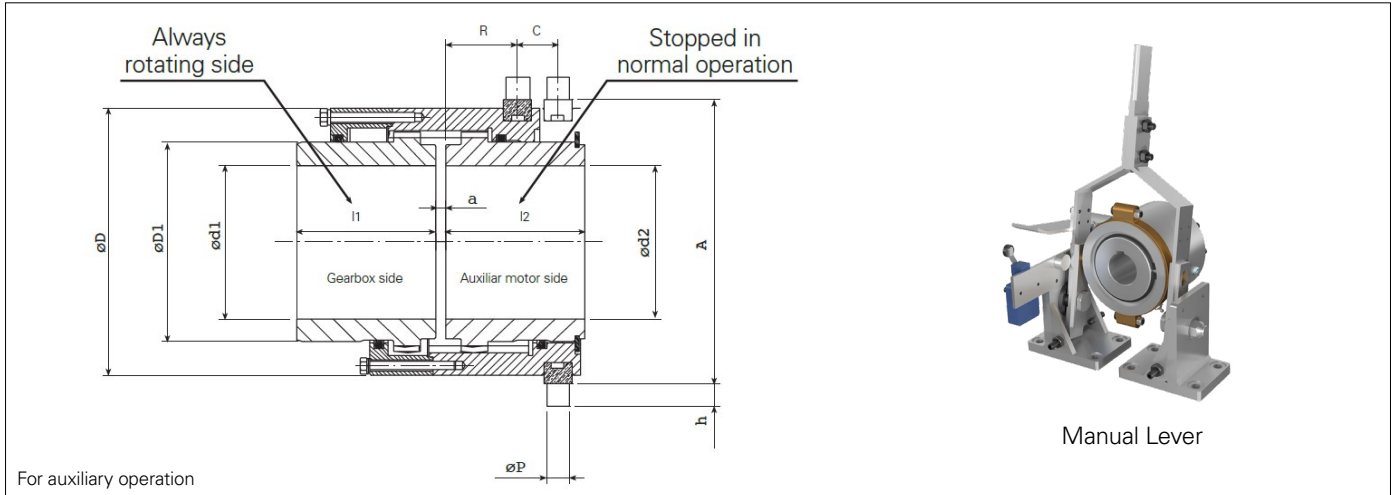
(6) Weight is given for maximum bore.

(7) The amount of grease indicated in the catalogue is for guidance only. For exact amount please refer to coupling instructions.

(8) n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

MTES DISENGAGING

INDUSTRIAL



Designation example: **MTES-125 / n = 150 (rpm)**
Where "n" is the maximum speed

| SIZE | TN NOMINAL (1) | TP MAX (1) | n MAX (8) | GENERAL DIMENSIONS (mm) | | | | | | | | | | WEIGHT MAX. (5) | WEIGHT MIN. (6) | MOMENT OF INERTIA (5) | GREASE QTY. (7) |
|------|-------------------|---------------|--------------|-------------------------|-----|---------------------------|-------|----|-----|----|----|-----|------|-----------------------|-----------------------|-----------------------------|-----------------------|
| | | | | D | D1 | d1-d2 (Min-Max) (2)(3) | l1-l2 | a | A | h | P | R | C(4) | | | | |
| 42 | 1200 | 2400 | 3000 | 100 | 60 | 13-44 | 55 | 6 | 104 | 12 | 12 | 24 | 18 | 6 | 5 | 0,008 | 0,059 |
| 55 | 2600 | 5200 | 2500 | 120 | 79 | 16-60 | 70 | 6 | 124 | 14 | 14 | 33 | 20 | 10 | 7 | 0,018 | 0,078 |
| 70 | 5000 | 10000 | 2000 | 150 | 101 | 20-75 | 80 | 6 | 154 | 16 | 16 | 40 | 25 | 18 | 13 | 0,051 | 0,17 |
| 90 | 8600 | 16000 | 1700 | 177 | 120 | 25-95 | 95 | 8 | 187 | 16 | 16 | 50 | 28 | 30 | 21 | 0,12 | 0,24 |
| 100 | 14000 | 28000 | 1500 | 200 | 143 | 30-105 | 105 | 8 | 210 | 18 | 18 | 56 | 32 | 43 | 30 | 0,21 | 0,31 |
| 125 | 20600 | 41200 | 1300 | 226 | 170 | 35-130 | 120 | 8 | 240 | 20 | 20 | 62 | 35 | 63 | 39 | 0,40 | 0,42 |
| 145 | 33000 | 66000 | 1150 | 264 | 200 | 45-150 | 135 | 10 | 280 | 20 | 20 | 70 | 40 | 98 | 64 | 0,83 | 0,59 |
| 165 | 45600 | 91200 | 1050 | 290 | 220 | 55-165 | 150 | 10 | 300 | 22 | 22 | 72 | 42 | 126 | 82 | 1,28 | 0,89 |
| 185 | 61400 | 122800 | 950 | 325 | 250 | 60-190 | 170 | 10 | 330 | 24 | 24 | 77 | 44 | 178 | 110 | 2,24 | 1,1 |
| 205 | 80800 | 161600 | 850 | 353 | 275 | 70-210 | 185 | 12 | 368 | 26 | 26 | 81 | 48 | 229 | 139 | 3,39 | 1,3 |
| 230 | 105500 | 211000 | 800 | 377 | 300 | 100-230 | 200 | 12 | 390 | 26 | 26 | 86 | 52 | 283 | 167 | 4,67 | 1,6 |
| 260 | 161000 | 322000 | 700 | 435 | 340 | 115-260 | 230 | 12 | 450 | 30 | 30 | 102 | 60 | 415 | 261 | 9,37 | 2,6 |

- From size 185 (included) the coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.
- When engaging or disengaging the machine must be stopped and the shaft must be able to rotate freely.

- Pneumatic or hydraulic leveler can be integrated on demand.
- Setscrews can be included upon request.
- Adapted hub length available upon request.

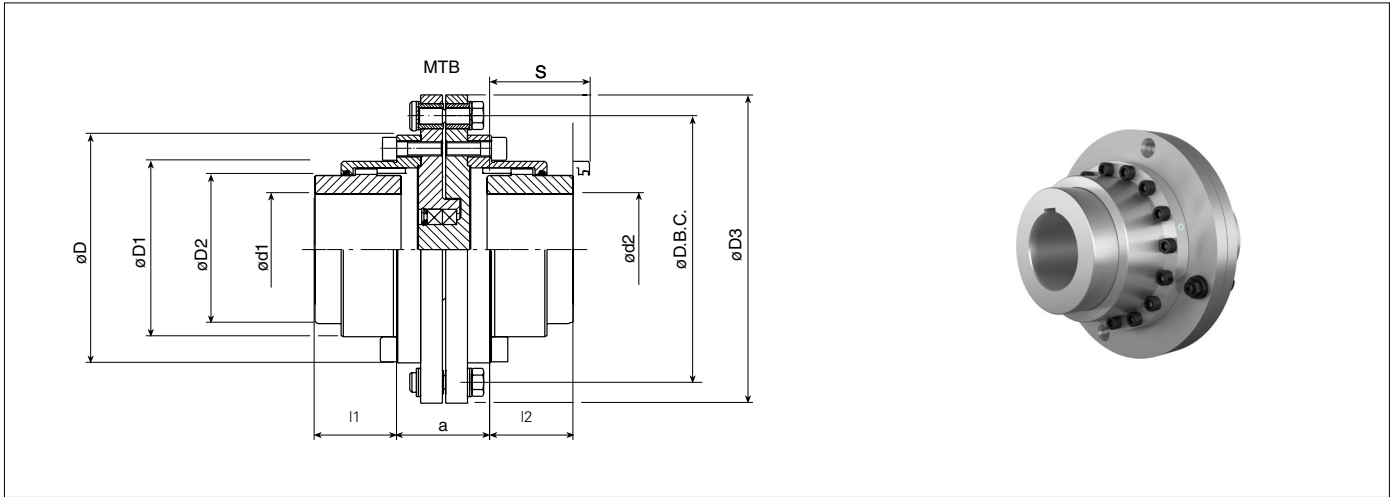
- ATEX certifications are available. Please, contact Regal Rexnord Jaure product engineering to define the zone and category.



- (1) The torque of the coupling does not include the connection transmission capacity.
- (2) Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.
- (3) Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please contact Regal Rexnord Jaure product engineering.
- (4) Stroke of the sleeve.
- (5) Weight and moment of inertia are given for minimum bore.
- (6) Weight is given for maximum bore.
- (7) The amount of grease indicated in the catalogue is for guidance only. For exact amount please refer to coupling instructions.
- (8) n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

MTB WITH SHEAR PINS

INDUSTRIAL




Designation example: **MTB-132 / Tbr = 15000 (Nm)**

Where Tbr is the designed breaking torque

| SIZE | TN NOMINAL (1) | TP MAX (1) | n MAX (8) | GENERAL DIMENSIONS (mm) | | | | | | | | | WEIGHT MAX. (5) | WEIGHT MIN. (6) | MOMENT OF INERTIA (5) | GREASE QTY. (7) |
|------|----------------------|------------------|-----------------|-------------------------|-------|-----|-----|--------|------------------------------|-------|-----|------|-----------------------|-----------------------|--------------------------------|-----------------------|
| | | | | D | D1 | D2 | D3 | D.B.C. | d1-d2 (Min-Max) (2)(3) | l1-l2 | a | S(4) | | | | |
| MTB | Nm | Nm | rpm | D | D1 | D2 | D3 | D.B.C. | d1-d2 (Min-Max) (2)(3) | l1-l2 | a | S(4) | kg | kg | J (kgm ²) | kg |
| 52 | 1780 | 3600 | 8600 | 111 | 82,5 | 69 | 170 | 170 | 14-52 | 43 | 39 | 57 | 10 | 9 | 0,025 | 0,030 |
| 62 | 2790 | 5520 | 7000 | 141 | 104,5 | 85 | 220 | 185 | 17-62 | 50 | 49 | 64 | 18 | 16 | 0,075 | 0,064 |
| 78 | 5600 | 11100 | 5800 | 171 | 127,5 | 107 | 250 | 215 | 20-78 | 62 | 61 | 76 | 27 | 24 | 0,139 | 0,094 |
| 98 | 8500 | 17400 | 4700 | 210 | 156 | 133 | 285 | 250 | 26-98 | 76 | 55 | 92 | 43 | 35 | 0,27 | 0,14 |
| 112 | 14000 | 28200 | 4200 | 234 | 181,5 | 152 | 335 | 285 | 30-112 | 90 | 100 | 108 | 73 | 63 | 0,70 | 0,29 |
| 132 | 23000 | 45600 | 3600 | 274 | 210,5 | 178 | 370 | 320 | 35-132 | 105 | 105 | 125 | 106 | 86 | 1,16 | 0,42 |
| 156 | 35100 | 69600 | 3200 | 312 | 248,5 | 209 | 410 | 360 | 70-156 | 120 | 115 | 140 | 148 | 119 | 1,96 | 0,60 |
| 174 | 44400 | 88000 | 2900 | 337 | 274 | 234 | 435 | 385 | 85-174 | 135 | 123 | 162 | 180 | 145 | 2,69 | 1,0 |
| 190 | 68500 | 139600 | 2600 | 380 | 308,5 | 254 | 520 | 450 | 95-190 | 150 | 166 | 180 | 282 | 232 | 6,10 | 1,7 |
| 210 | 84600 | 167600 | 2400 | 405 | 334 | 279 | 560 | 490 | 110-210 | 175 | 170 | 205 | 340 | 277 | 8,35 | 2,5 |
| 233 | 151000 | 304000 | 2200 | 444 | 365,5 | 305 | 590 | 520 | 120-233 | 190 | 182 | 218 | 412 | 318 | 10,74 | 3,5 |
| 275 | 205500 | 407000 | 2000 | 506 | 424 | 355 | 660 | 590 | 130-275 | 220 | 208 | 252 | 603 | 443 | 78,83 | 5,3 |

From size 174 (included) the coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.

Setscrews can be included upon request.
Adapted hub length available upon request.

ATEX certifications are available.
Please, contact Regal Rexnord Jaure product engineering  to define the zone and category.

(1) The torque of the coupling does not include the connection transmission capacity.

(2) Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.

(3) Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please contact Regal Rexnord Jaure product engineering.

(4) Clearance to align coupling hubs and replacement of sealing rings.

(5) Weight and moment of inertia are given for minimum bore.

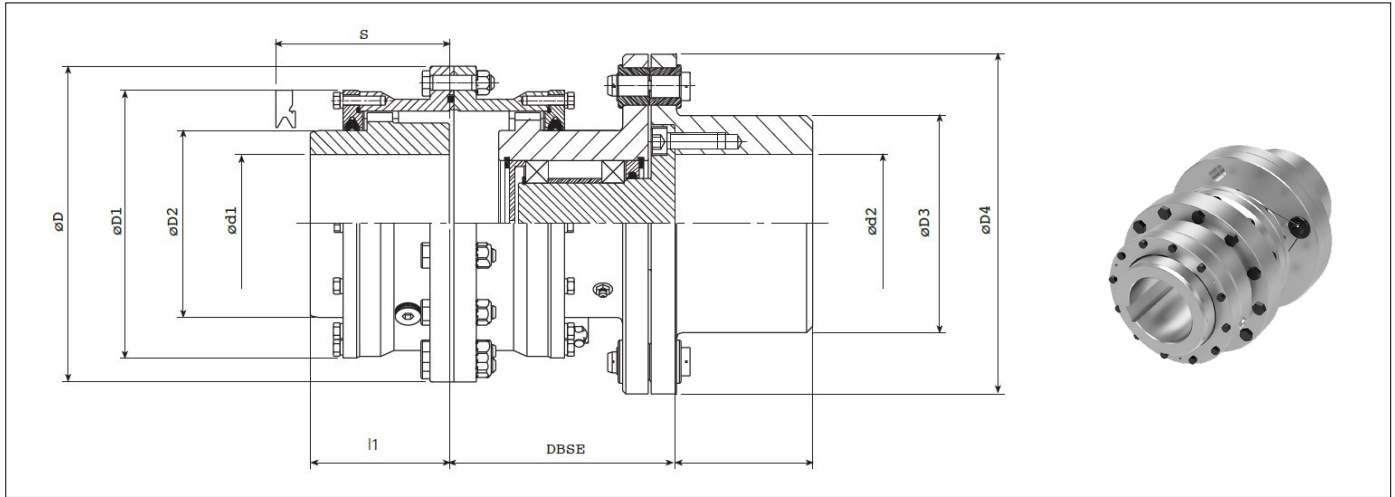
(6) Weight is given for maximum bore.

(7) The amount of grease indicated in the catalogue is for guidance only. For exact amount please refer to coupling instructions.

(8) n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

MTNBR WITH SHEAR PINS

INDUSTRIAL




Designation example: **MTNBR-125 / DBSE = 195 / Tbr = 15000 (Nm)**
Where Tbr is the designed breaking torque

| SIZE | TN NOMINAL (1) | TP MAX (1) | n MAX (8) | GENERAL DIMENSIONS (mm) | | | | | | | | | WEIGHT MAX. (5) | WEIGHT MIN. (6) | MOMENT OF INERTIA (5) | GREASE QTY. (7) | |
|-------|----------------------|------------------|-----------------|-------------------------|-----|-----|-----|-------|------------------------------|-------|-------|------|-----------------------|-----------------------|--------------------------------|-----------------------|----|
| | | | | D | D1 | D2 | D3 | D.B.C | d1-d2 (Min-Max) (2)(3) | I1-I2 | a | S(4) | | | | | kg |
| MTNBR | Nm | Nm | rpm | | | | | | | | | | | | | | |
| 42 | 1300 | 2600 | 6490 | 145 | 113 | 65 | 80 | 153 | 13-48 | 55 | 123±1 | 80 | 14 | 12 | 0,029 | 0,12 | |
| 55 | 2500 | 5000 | 5770 | 164 | 126 | 80 | 95 | 172 | 16-60 | 70 | 134±1 | 90 | 21 | 18 | 0,055 | 0,18 | |
| 70 | 4300 | 8600 | 5140 | 184 | 147 | 95 | 112 | 193 | 20-70 | 80 | 145±2 | 100 | 31 | 27 | 0,103 | 0,25 | |
| 90 | 7000 | 14000 | 4310 | 220 | 176 | 112 | 135 | 230 | 25-85 | 95 | 156±2 | 130 | 50 | 43 | 0,24 | 0,38 | |
| 100 | 11600 | 23200 | 3810 | 240 | 200 | 135 | 160 | 260 | 30-100 | 105 | 186±2 | 140 | 73 | 61 | 0,43 | 0,56 | |
| 125 | 19000 | 38000 | 3420 | 270 | 230 | 160 | 185 | 290 | 35-120 | 120 | 195±2 | 150 | 105 | 85 | 0,76 | 0,79 | |
| 145 | 27000 | 54000 | 3000 | 310 | 256 | 185 | 210 | 330 | 45-140 | 135 | 210±2 | 160 | 153 | 128 | 1,46 | 1,0 | |
| 165 | 39000 | 78000 | 2750 | 340 | 292 | 210 | 230 | 360 | 55-160 | 150 | 242±3 | 190 | 207 | 170 | 2,35 | 1,8 | |
| 185 | 54000 | 108000 | 2450 | 380 | 315 | 230 | 255 | 405 | 60-180 | 170 | 265±3 | 210 | 277 | 223 | 3,96 | 2,3 | |
| 205 | 69000 | 138000 | 2300 | 405 | 340 | 255 | 290 | 432 | 70-200 | 185 | 300±3 | 230 | 357 | 285 | 5,76 | 2,9 | |
| 230 | 98000 | 196000 | 2020 | 445 | 377 | 290 | 320 | 490 | 100-220 | 200 | 320±3 | 250 | 470 | 386 | 9,84 | 3,7 | |
| 260 | 130000 | 260000 | 1870 | 490 | 415 | 320 | 360 | 530 | 115-250 | 230 | 354±3 | 280 | 627 | 508 | 15,40 | 5,0 | |

► From size 185 (included) the coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.

► Setscrews can be included upon request.
► Adapted hub length available upon request.

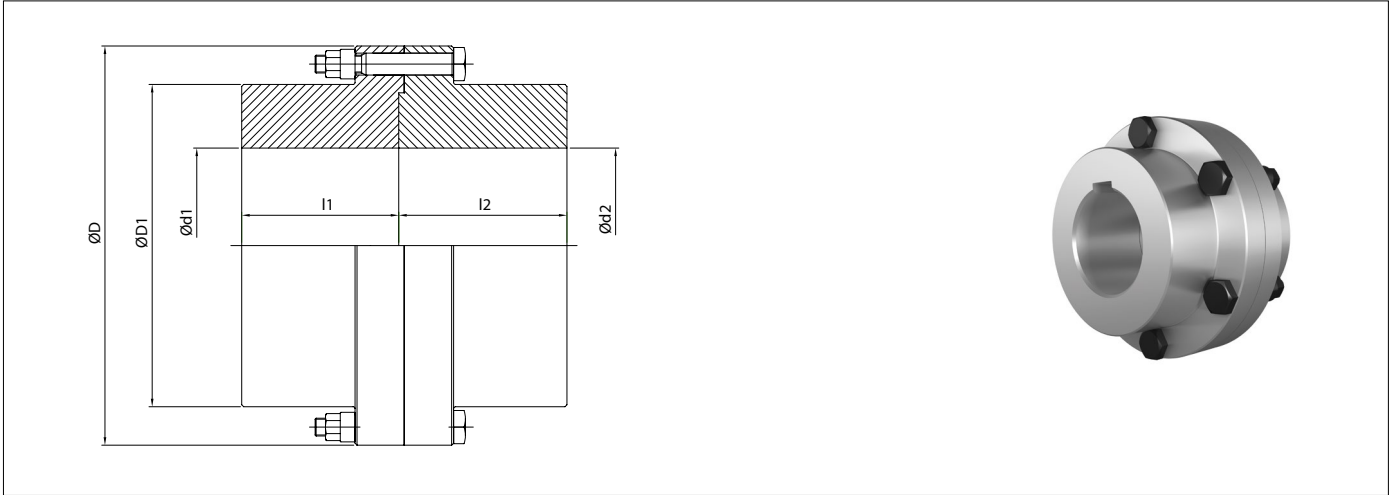
► ATEX certifications are available.
Please, contact Regal Rexnord Jaure product engineering  to define the zone and category.

- (1) The torque of the coupling does not include the connection transmission capacity.
(2) Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.
(3) Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please contact Regal Rexnord Jaure product engineering.
(4) Clearance to align coupling hubs and replacement of sealing rings.

- (5) Weight and moment of inertia are given for minimum bore.
(6) Weight is given for maximum bore.
(7) The amount of grease indicated in the catalogue is for guidance only.
For exact amount please refer to coupling instructions.
(8) n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

PLMT RIGID

INDUSTRIAL



Designation example: **PLMT-78**

| SIZE | TP MAX (1)(6) | GENERAL DIMENSIONS (mm) | | | | WEIGHT MAX. (4) | WEIGHT MIN. (5) |
|------|------------------|-------------------------|-----|-------------------------------|-------|--------------------|--------------------|
| PLMT | Nm | D | D1 | d1-d2 (Min-Max) (2)(3)d | l1-l2 | kg | kg |
| 52 | 3400 | 111 | 80 | 14-55 | 43 | 4,3 | 2,8 |
| 62 | 12600 | 141 | 100 | 17-70 | 50 | 8,3 | 5,4 |
| 78 | 20600 | 171 | 125 | 20-90 | 62 | 15 | 9 |
| 98 | 39100 | 210 | 148 | 26-105 | 76 | 26 | 16 |
| 112 | 59600 | 234 | 173 | 30-120 | 90 | 39 | 24 |
| 132 | 99400 | 274 | 204 | 35-145 | 105 | 64 | 39 |
| 156 | 115100 | 312 | 242 | 70-170 | 120 | 93 | 58 |
| 174 | 156900 | 337 | 268 | 85-190 | 135 | 123 | 75 |
| 190 | 193200 | 380 | 302 | 95-215 | 150 | 177 | 109 |
| 210 | 363200 | 405 | 327 | 110-230 | 175 | 232 | 144 |
| 233 | 394400 | 444 | 354 | 120-250 | 190 | 283 | 170 |
| 275 | 680600 | 506 | 410 | 130-290 | 220 | 442 | 260 |

From size 174 (included) the coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.

Setscrews can be included upon request.
Adapted hub length available upon request.

ATEX certifications are available.
Please, contact Regal Rexnord Jaure product engineering to define the zone and category.



(1) The torque of the coupling does not include the connection transmission capacity.

(2) Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.

(3) Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please contact Regal Rexnord Jaure product engineering.

(4) Weight is given for minimum bore.

(5) Weight is given for maximum bore.

(6) Maximum torque transmitted through bolted joints.

(7) Body fitted bolts (Grade 10,9) are used.

(8) Special version available for flying drive applications with bending moments.

MARINE DESIGNS

Jaure® marine style gear couplings have been operating for years in a variety of applications such as main propulsion & maneuvering of vessels, dredging including underwater use, fire fighting pumps, winches...

MARINETYPE APPROVAL & MANUFACTURING SURVEY ARRANGEMENT

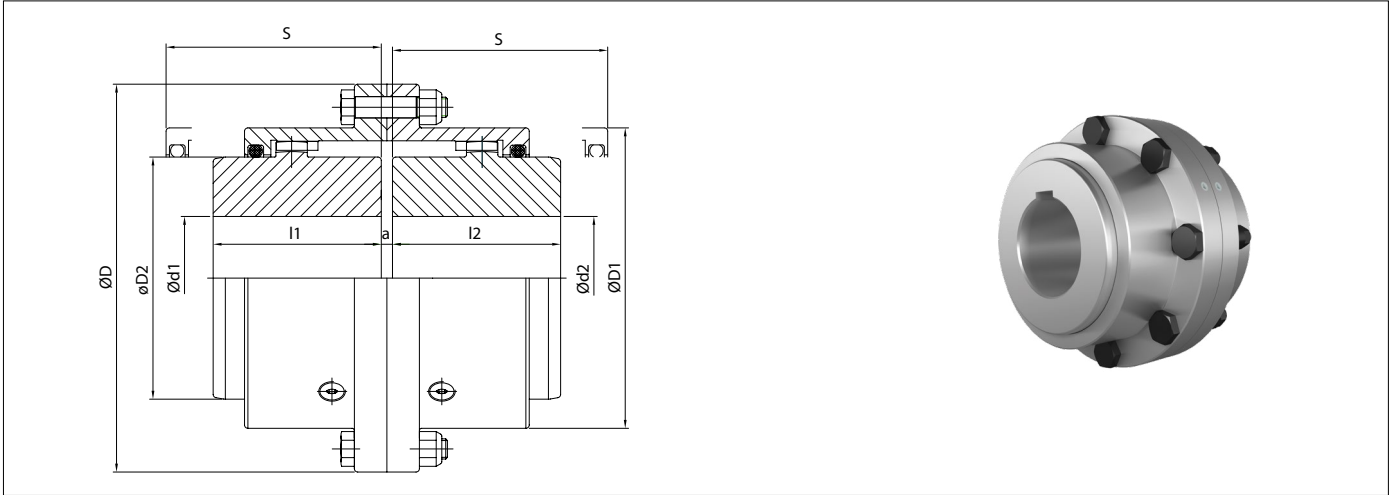
The Jaure MT gear couplings can be also delivered on demand with type 3.2 Inspection. Certificate of any marine classification society.

We are additionally awarded with the Manufacturing Survey Arrangement – MSA from DNV. The MSA certificate shows our commitment to continuously improve the service and response time to our customers and remain competitive in the market place.



MT / MT-HD BASIC DESIGN

MARINE



Designation example: **MT-125**

| SIZE | MT | | MT-HD | | n MAX (8) | GENERAL DIMENSIONS (mm) | | | | | | | WEIGHT MAX (5) | WEIGHT MIN (6) | MOMENT OF INERTIA (5) | GREASE QTY. (7) |
|------------|----------------------|------------------|----------------------|------------------|--------------|-------------------------|-----|-----|------------------------------|--------|----|------|----------------------|----------------------|-----------------------------|-----------------------|
| | TN NOMINAL (1) | TP MAX (1) | TN NOMINAL (1) | TP MAX (1) | | D | D1 | D2 | d1-d2 (Min-Max) (2)(3) | l1- l2 | a | S(4) | | | | |
| MT MTHD | Nm | Nm | Nm | Nm | rpm | D | D1 | D2 | d1-d2 (Min-Max) (2)(3) | l1- l2 | a | S(4) | kg | kg | J (kgm ²) | kg |
| 42 | 1200 | 2400 | 1980 | 3960 | 8600 | 116 | 80 | 60 | 13-44 | 55 | 6 | 75 | 5 | 4 | 0,006 | 0,049 |
| 55 | 2600 | 5200 | 4290 | 8580 | 6600 | 152 | 100 | 79 | 16-58 | 70 | 6 | 90 | 10 | 7 | 0,021 | 0,068 |
| 70 | 5000 | 10000 | 8250 | 16500 | 5600 | 178 | 125 | 101 | 20-75 | 80 | 6 | 108 | 17 | 12 | 0,048 | 0,15 |
| 90 | 8600 | 17200 | 14190 | 28380 | 4700 | 213 | 148 | 124 | 25-95 | 95 | 8 | 124 | 28 | 18 | 0,125 | 0,19 |
| 100 | 14000 | 28000 | 23100 | 46200 | 4200 | 240 | 173 | 143 | 30-105 | 105 | 8 | 136 | 40 | 27 | 0,20 | 0,37 |
| 125 | 20600 | 41200 | 33990 | 67980 | 3600 | 279 | 204 | 170 | 35-130 | 120 | 8 | 158 | 65 | 42 | 0,48 | 0,53 |
| 145 | 33000 | 66000 | 54450 | 108900 | 3150 | 318 | 242 | 205 | 45-150 | 135 | 10 | 172 | 95 | 61 | 0,93 | 0,65 |
| 165 | 45600 | 91200 | 75240 | 150480 | 2860 | 346 | 268 | 216 | 55-165 | 150 | 10 | 192 | 134 | 89 | 1,55 | 1,4 |
| 185 | 61400 | 122800 | 101310 | 202620 | 2580 | 389 | 302 | 250 | 60-190 | 170 | 10 | 210 | 185 | 117 | 2,70 | 1,8 |
| 205 | 80800 | 161600 | 133320 | 266640 | 2320 | 425 | 327 | 275 | 70-210 | 185 | 12 | 230 | 240 | 151 | 4,10 | 2,1 |
| 230 | 105500 | 211000 | 174075 | 348150 | 2200 | 457 | 354 | 300 | 100-230 | 200 | 12 | 250 | 273 | 167 | 5,55 | 2,9 |
| 260 | 161000 | 322000 | 265650 | 531300 | 2000 | 527 | 410 | 340 | 115-260 | 230 | 12 | 280 | 412 | 258 | 9,15 | 5,2 |

From size 185 (included) the coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.

Setscrews can be included upon request.
Adapted hub length available upon request.

ATEX certifications are available.
Please, contact Regal Rexnord Jaure product engineering to define the zone and category.



(1) The torque of the coupling does not include the connection transmission capacity.

(2) Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.

(3) Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please contact Regal Rexnord Jaure product engineering.

(4) Clearance to align coupling hubs and replacement of sealing rings.

(5) Weight and moment of inertia are given for minimum bore.

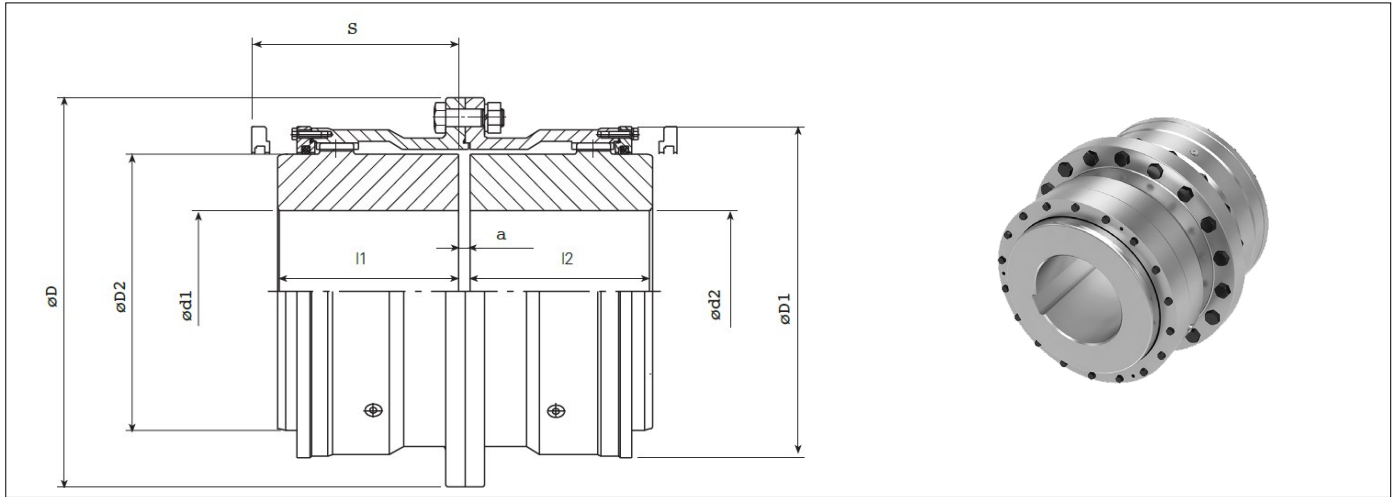
(6) Weight is given for maximum bore.

(7) The amount of grease indicated in the catalogue is for guidance only. For exact amount please refer to coupling instructions.

(8) n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

MTG/MTG-HD BASIC DESIGN

MARINE



Designation example: **MTG-370**

| SIZE | MTG | | MTG-HD | | n MAX (8) | GENERAL DIMENSIONS (mm) | | | | | | | WEIGHT MAX (5) | WEIGHT MIN (6) | MOMENT OF INERTIA (5) | GREASE QTY. (7) |
|---------------|----------------------|------------------|----------------------|------------------|--------------|-------------------------|------|------|-----------------------------|--------|----|------|----------------------|----------------------|-----------------------------|-----------------------|
| | TN NOMINAL (1) | TP MAX (1) | TN NOMINAL (1) | TP MAX (1) | | D | D1 | D2 | d1-d2 (MinMax) (2)(3) | l1- l2 | a | S(4) | | | | |
| MTG MTG-HD | Nm | Nm | Nm | Nm | rpm | D | D1 | D2 | d1-d2 (MinMax) (2)(3) | l1- l2 | a | S(4) | kg | kg | J (kgm ²) | kg |
| 280 | 220000 | 440000 | 363000 | 726000 | 1800 | 540 | 465 | 370 | 140-280 | 250 | 16 | 300 | 527 | 346 | 14,95 | 4,0 |
| 310 | 250000 | 500000 | 412500 | 825000 | 1600 | 585 | 505 | 410 | 160-310 | 270 | 16 | 320 | 676 | 442 | 22,93 | 5,1 |
| 345 | 320000 | 640000 | 528000 | 1056000 | 1500 | 650 | 548 | 450 | 180-345 | 290 | 16 | 340 | 884 | 574 | 36,84 | 5,9 |
| 370 | 400000 | 800000 | 660000 | 1320000 | 1400 | 690 | 588 | 490 | 210-370 | 325 | 20 | 370 | 1105 | 733 | 53,16 | 7,2 |
| 390 | 510000 | 1020000 | 841500 | 1683000 | 1300 | 760 | 640 | 520 | 230-390 | 345 | 20 | 400 | 1379 | 957 | 79,63 | 10,7 |
| 420 | 660000 | 1320000 | 1089000 | 2178000 | 1200 | 805 | 690 | 560 | 250-420 | 365 | 20 | 420 | 1667 | 1154 | 110 | 12,0 |
| 460 | 780000 | 1560000 | 1287000 | 2574000 | 1100 | 850 | 730 | 600 | 275-460 | 400 | 20 | 450 | 2043 | 1372 | 153 | 13,8 |
| 500 | 1000000 | 2000000 | 1650000 | 3300000 | 1050 | 930 | 780 | 650 | 300-500 | 410 | 25 | 490 | 2452 | 1643 | 217 | 16,8 |
| 550 | 1200000 | 2400000 | 1980000 | 3960000 | 950 | 995 | 850 | 710 | 325-550 | 430 | 25 | 520 | 3035 | 1991 | 313 | 18,6 |
| 590 | 1600000 | 3200000 | 2640000 | 5280000 | 900 | 1055 | 910 | 760 | 350-590 | 470 | 25 | 550 | 3720 | 2413 | 434 | 28,3 |
| 620 | 1800000 | 3600000 | 2970000 | 5940000 | 850 | 1140 | 970 | 810 | 375-620 | 500 | 30 | 600 | 4648 | 3145 | 633 | 25,2 |
| 650 | 1900000 | 3800000 | 3135000 | 6270000 | 800 | 1190 | 1020 | 840 | 400-650 | 520 | 30 | 630 | 5152 | 3469 | 765 | 33,5 |
| 680 | 2100000 | 4200000 | 3465000 | 6930000 | 750 | 1250 | 1080 | 890 | 425-680 | 540 | 30 | 650 | 5954 | 4077 | 990 | 50,6 |
| 730 | 2600000 | 5200000 | 4290000 | 8580000 | 700 | 1300 | 1150 | 950 | 450-730 | 570 | 30 | 680 | 6956 | 4634 | 1277 | 54,3 |
| 800 | 3800000 | 7600000 | 6270000 | 12540000 | 660 | 1420 | 1270 | 1050 | 475-800 | 600 | 30 | 725 | 9036 | 5971 | 1980 | 72,9 |
| 900 | 5420000 | 10840000 | 8943000 | 17886000 | 590 | 1600 | 1430 | 1180 | 500-900 | 670 | 35 | 800 | 13330 | 8670 | 3663 | 91,9 |
| 1000 | 7250000 | 14500000 | 11962500 | 23925000 | 550 | 1740 | 1570 | 1320 | 525-1000 | 740 | 35 | 890 | 17975 | 11130 | 5766 | 113 |
| 1100 | 8650000 | 17300000 | 14272500 | 28545000 | 500 | 1880 | 1710 | 1450 | 550-1100 | 800 | 35 | 980 | 23150 | 13930 | 8683 | 135 |
| 1200 | 10750000 | 21500000 | 17737500 | 35475000 | 480 | 1990 | 1830 | 1580 | 575-1200 | 850 | 35 | 1030 | 28605 | 16680 | 12239 | 163 |

► The coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.

► Setscrews can be included upon request.
► Adapted hub length available upon request.

► ATEX certifications are available.
Please, contact Regal Rexnord Jaure product engineering to define the zone and category.



- (1) The torque of the coupling does not include the connection transmission capacity.
 (2) Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.
 (3) Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please contact Regal Rexnord Jaure product engineering.

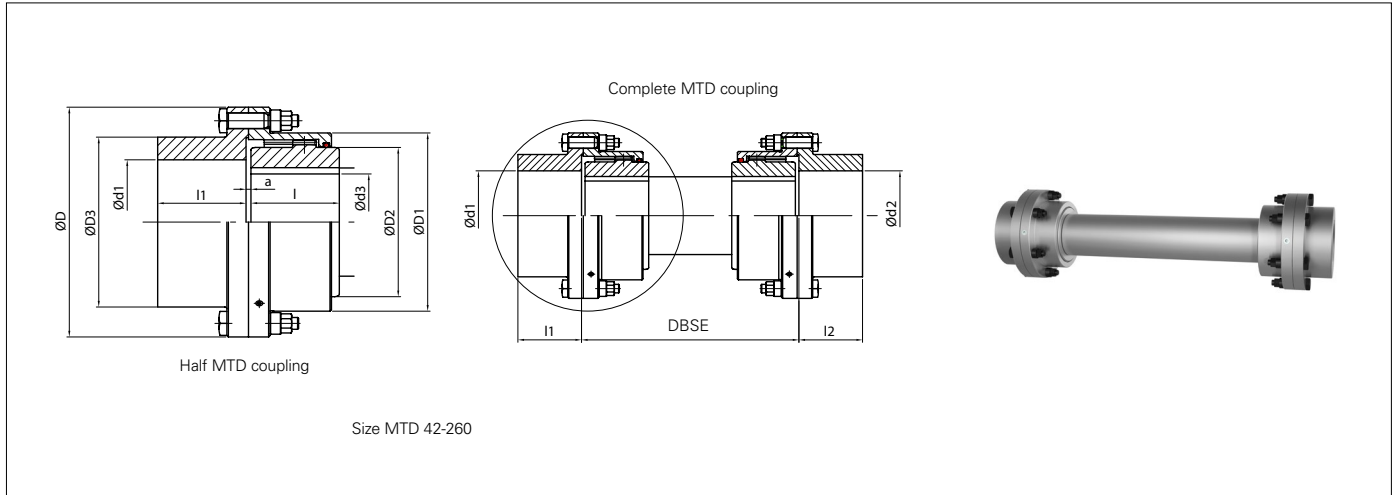
- (4) Clearance to align coupling hubs and replacement of sealing rings.
 (5) Weight and moment of inertia are given for minimum bore.
 (6) Weight is given for maximum bore.

- (7) The amount of grease indicated in the catalogue is for guidance only. For exact amount please refer to coupling instructions.
 (8) n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

Technical modifications reserved

MTD / MTD-HD WITH FLOATING SHAFT

MARINE



Size MTD 42-260

Designation example: **MTD-125 / DBSE = 1200 (mm) / n = 1500 rpm**

| SIZE | MTD | | MTD-HD | | n MAX (8) | GENERAL DIMENSIONS (mm) | | | | | | | | WEIGHT MAX (5) | WEIGHT MIN (6) | MOMENT OF INERTIA (5) | GREASE QTY. (7) |
|------------|----------------|------------|----------------|------------|---|-------------------------|-----|-----|------------------------|-----|---------------------|-------|----|----------------|----------------|-----------------------|-----------------|
| | TN NOMINAL (1) | TP MAX (1) | TN NOMINAL (1) | TP MAX (1) | | D | D1 | D2 | d1-d2 (Min-Max) (2)(3) | D3 | d3 (Min-Max) (2)(3) | l1-l2 | a | | | | |
| MTD MTD-HD | Nm | Nm | Nm | Nm | rpm | | | | | | | | | kg. | kg. | J (kgm ²) | kg. |
| 42 | 1200 | 2400 | 1980 | 3960 | For max. Allowable speed check fig n°8 at page 14 | 116 | 80 | 60 | 13-55 | 80 | 13-44 | 55 | 7 | 20,7 | 20 | 0,014 | 0,049 |
| 55 | 2600 | 5200 | 4290 | 8580 | | 152 | 100 | 79 | 16-70 | 100 | 16-58 | 70 | 7 | 38 | 35 | 0,050 | 0,068 |
| 70 | 5000 | 10000 | 8250 | 16500 | | 178 | 125 | 101 | 20-90 | 125 | 20-75 | 80 | 7 | 61 | 56 | 0,116 | 0,15 |
| 90 | 8000 | 16000 | 13200 | 26400 | | 213 | 148 | 124 | 25-105 | 148 | 25-95 | 95 | 8 | 100 | 90 | 0,289 | 0,19 |
| 100 | 14000 | 28000 | 23100 | 46200 | | 240 | 173 | 143 | 30-120 | 173 | 30-105 | 105 | 8 | 149 | 136 | 0,49 | 0,37 |
| 125 | 20600 | 41200 | 33990 | 67980 | | 279 | 204 | 170 | 35-145 | 204 | 35-130 | 120 | 8 | 211 | 188 | 1,14 | 0,53 |
| 145 | 33000 | 66000 | 54450 | 108900 | | 318 | 242 | 205 | 45-170 | 242 | 45-150 | 135 | 10 | 300 | 266 | 2,19 | 0,65 |
| 165 | 45600 | 91200 | 75240 | 150480 | | 346 | 268 | 216 | 55-190 | 268 | 55-165 | 150 | 10 | 397 | 352 | 3,54 | 1,4 |
| 185 | 61400 | 122800 | 101310 | 202620 | | 389 | 302 | 250 | 60-215 | 302 | 60-190 | 170 | 10 | 539 | 471 | 6,30 | 1,8 |
| 205 | 80800 | 161600 | 133320 | 266640 | | 425 | 327 | 275 | 70-230 | 327 | 70-210 | 185 | 11 | 673 | 584 | 9,42 | 2,1 |
| 230 | 105500 | 211000 | 174075 | 348150 | | 457 | 354 | 300 | 100-250 | 354 | 100-230 | 200 | 11 | 786 | 680 | 12,74 | 2,9 |
| 260 | 161000 | 322000 | 265650 | 531300 | | 527 | 410 | 340 | 115-290 | 410 | 115-260 | 230 | 12 | 1115 | 961 | 23,13 | 5,2 |

- From size 185 (included) the coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.
- Distance to be specified by the customer. DBSE is distance between shafts ends, not between flanges.

- Setscrews can be included upon request.
- Adapted hub length available upon request.

- ATEX certifications are available. Please, contact Regal Rexnord Jaure product engineering to define the zone and category.

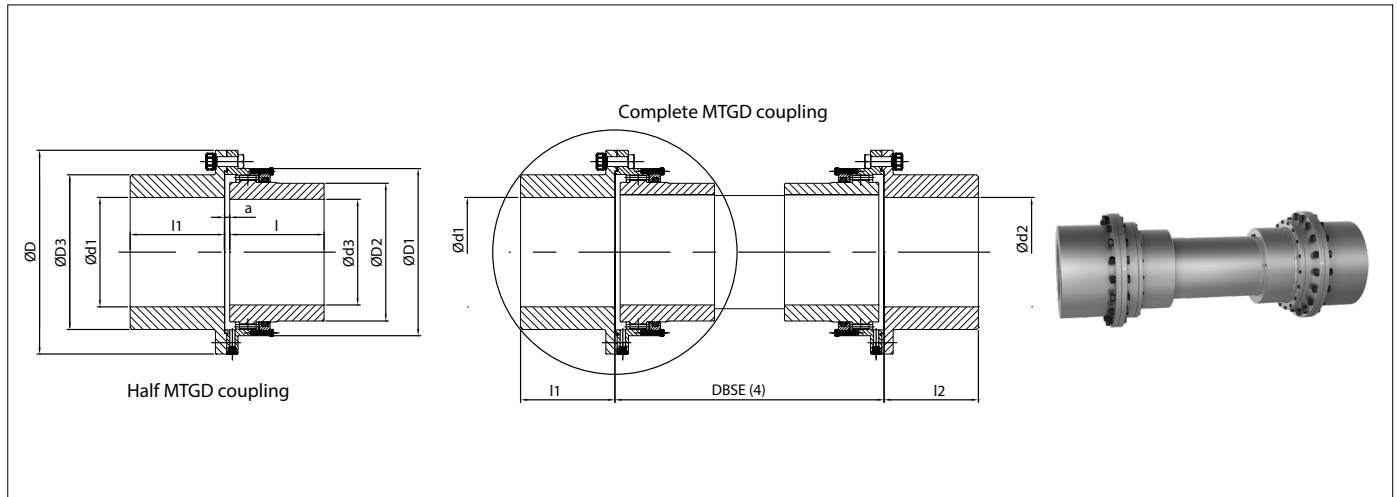


- The torque of the coupling does not include the connection transmission capacity.
- Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.
- Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please contact Regal Rexnord Jaure product engineering.
- Clearance to align coupling hubs and replacement of sealing rings

- Weight and moment of inertia are given for minimum bore.
- Weight is given for maximum bore and 1m DBSE.
- The amount of grease indicated in the catalogue is for guidance only. For exact amount please refer to coupling instructions.
- n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

MTGD / MTGD-HD WITH INTERMEDIATE FLOATING SHAFT

MARINE



Designation example: **MTGD-370 / DBSE=1200 (mm) / n = 750 rpm**

| SIZE | MTGD | | MTGD-HD | | n MAX (8) | GENERAL DIMENSIONS (mm) | | | | | | | WEIGHT MAX. (5) | WEIGHT PER 100MM SHAFT | WEIGHT MIN. (6) | MOMENT OF INERTIA (5) | MOMENT OF INERTIA PER 100MM SHAFT | GREASE QTY. (7) | |
|-----------------|----------------------|------------------|----------------------|------------------|--|-------------------------|------|------|----------|------------------------------|---------------------------|-------|--------------------|---------------------------------|--------------------|--------------------------------|--|-----------------------|------|
| | TN NOMINAL (1) | TP MAX (1) | TN NOMINAL (1) | TP MAX (1) | | D | D1 | D2 | D3 | d1-d2 (Min-Max (2)(3)) | d3 (Min-Max (2)(3)) | l1-l2 | | | | | | | a |
| MTGD MTGD-HD | Nm | Nm | Nm | Nm | rpm | | | | | | | | kg | kg | kg | J (kgm ²) | J (kgm ²) | kg | |
| 280 | 220000 | 440000 | 363000 | 726000 | For max. allowable speed contact Jaure | 540 | 465 | 370 | 410 | 140-290 | 140-280 | 250 | 16 | 1980 | 55,5 | 1781 | 33 | 0,624 | 1,7 |
| 310 | 250000 | 500000 | 412500 | 825000 | | 585 | 505 | 410 | 460 | 160-350 | 160-310 | 270 | 16 | 2470 | 67,1 | 2147 | 51 | 0,914 | 2,2 |
| 345 | 320000 | 640000 | 528000 | 1056000 | | 650 | 548 | 450 | 500 | 180-380 | 180-345 | 290 | 16 | 3072 | 82,1 | 2671 | 79 | 1,368 | 2,5 |
| 370 | 400000 | 800000 | 660000 | 1320000 | | 690 | 588 | 490 | 540 | 210-410 | 210-370 | 325 | 20 | 3632 | 93,8 | 3135 | 109 | 1,78 | 3,0 |
| 390 | 510000 | 1020000 | 841500 | 1683000 | | 760 | 640 | 520 | 590 | 230-450 | 230-390 | 345 | 20 | 4258 | 103,6 | 3621 | 155 | 2,18 | 3,6 |
| 420 | 660000 | 1320000 | 1089000 | 2178000 | | 805 | 690 | 560 | 630 | 250-480 | 250-420 | 365 | 20 | 5021 | 122,1 | 4266 | 210 | 3,02 | 4,5 |
| 460 | 780000 | 1560000 | 1287000 | 2574000 | | 850 | 730 | 600 | 680 | 275-520 | 275-460 | 400 | 20 | 6056 | 145,0 | 5096 | 296 | 4,26 | 4,8 |
| 500 | 1000000 | 2000000 | 1650000 | 3300000 | | 930 | 780 | 650 | 730 | 300-560 | 300-500 | 410 | 25 | 7161 | 169,9 | 6031 | 418 | 5,85 | 7,0 |
| 550 | 1200000 | 2400000 | 1980000 | 3960000 | | 995 | 850 | 710 | 790 | 325-600 | 325-550 | 430 | 25 | 8646 | 203,8 | 7297 | 592 | 8,42 | 7,4 |
| 590 | 1600000 | 3200000 | 2640000 | 5280000 | | 1055 | 910 | 760 | 850 | 350-650 | 350-590 | 470 | 25 | 10316 | 237,0 | 8577 | 822 | 11,39 | 9,6 |
| 620 | 1800000 | 3600000 | 2970000 | 5940000 | | 1140 | 970 | 810 | 890 | 375-680 | 375-620 | 500 | 30 | 11848 | 260,5 | 9864 | 1096 | 13,76 | 11,9 |
| 650 | 1900000 | 3800000 | 3135000 | 6270000 | | 1190 | 1020 | 840 | 930 | 400-710 | 400-650 | 520 | 30 | 13094 | 285,1 | 10887 | 1331 | 16,48 | 14,3 |
| 680 | 2100000 | 4200000 | 3465000 | 6930000 | | 1250 | 1080 | 890 | 1010 | 425-770 | 425-680 | 540 | 30 | 15177 | 319,6 | 12432 | 1777 | 20,71 | 20,3 |
| 730 | 2600000 | 5200000 | 4290000 | 8580000 | | 1300 | 1150 | 950 | 1060 | 450-810 | 450-730 | 570 | 30 | 17501 | 375,1 | 14313 | 2276 | 28,53 | 21,6 |
| 800 | 3800000 | 7600000 | 6270000 | 12540000 | | 1420 | 1270 | 1050 | 1170 | 475-900 | 475-800 | 600 | 30 | 21610 | 435,0 | 17286 | 3410 | 38,37 | 26,6 |
| 900 | 5420000 | 10840000 | 8943000 | 17886000 | | 1600 | 1430 | 1180 | 1330 | 500-900 | 500-900 | 670 | 35 | 29654 | 556,4 | 23292 | 6125 | 62,77 | 35,2 |
| 1000 | 7250000 | 14500000 | 11962500 | 23925000 | | 1740 | 1570 | 1320 | 1470 | 525-1000 | 525-1000 | 740 | 35 | 29506 | 692,7 | 20575 | 7999 | 97,30 | 43,7 |
| 1100 | 8650000 | 17300000 | 14272500 | 28545000 | 1880 | 1710 | 1450 | 1610 | 550-1100 | 550-1100 | 800 | 35 | 36272 | 829,6 | 24332 | 10894 | 140 | 55,5 | |
| 1200 | 10750000 | 21500000 | 17737500 | 35475000 | 1990 | 1830 | 1580 | 1730 | 575-1200 | 575-1200 | 850 | 35 | 43404 | 978,8 | 28807 | 16590 | 194 | 54,6 | |

► The coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.

► Setscrews can be included upon request.
► Adapted hub length available upon request.

► ATEX certifications are available.
Please, contact Regal Rexnord Jaure product engineering to define the zone and category.



- (1) The torque of the coupling does not include the connection transmission capacity.
- (2) Minimum dimensions refer to already machined bore.
For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.
- (3) Max. allowable bore for couplings with DIN 6885/1 keys.
For other types of keys or connections please contact Regal Rexnord Jaure product engineering.

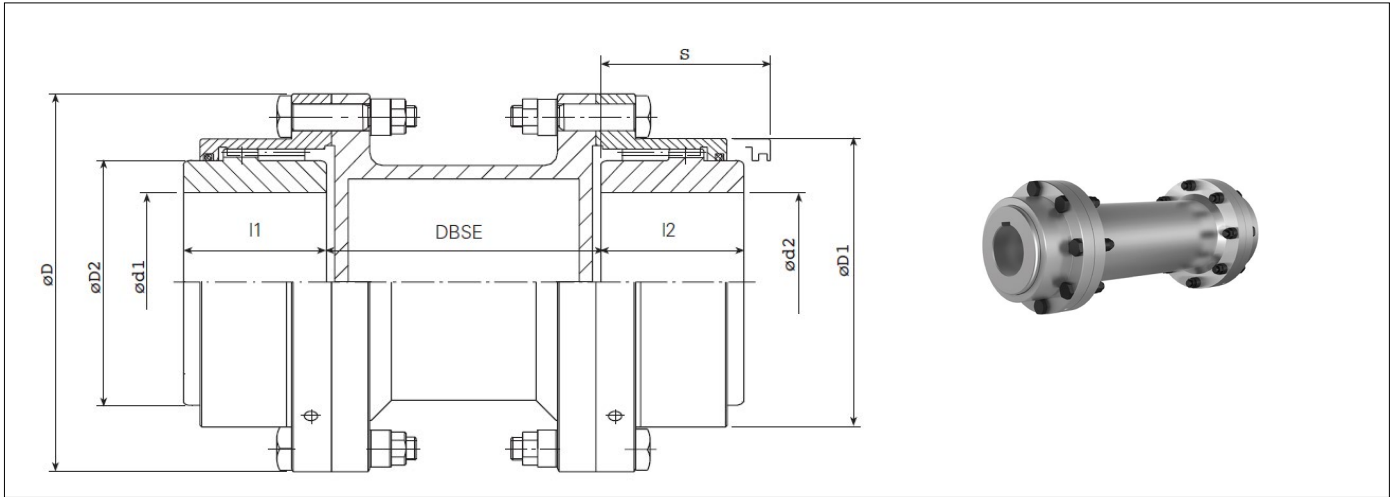
- (4) Distance to be specified by the customer.
DBSE is distance between shafts ends, not between flanges.
- (5) Weight, moment of inertia and torsional stiffness are given for minimum bore and 2.5 m DBSE for full MTGD coupling.
- (6) Weight is given for maximum bore and 2.5 m DBSE for full MTGD coupling.

- (7) The amount of grease indicated in the catalogue is for guidance only.
For exact amount please refer to coupling instructions.
- (8) n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

Technical modifications reserved

MTX / MTX-HD WITH SPACER

MARINE



Designation example: **MTX-125**

| SIZE | MTX | | MTX-HD | | n MAX (8) | GENERAL DIMENSIONS (mm) | | | | | | WEIGHT MAX (5) | WEIGHT MIN (6) | MOMENT OF INERTIA (5) | GREASE QTY. (7) |
|---------------|----------------------|------------------|----------------------|------------------|--|-------------------------|-----|-----|------------------------------|--------|------|-------------------|-------------------|-----------------------------|-----------------------|
| | TN NOMINAL (1) | TP MAX (1) | TN NOMINAL (1) | TP MAX (1) | | D | D1 | D2 | d1-d2 (Min-Max) (2)(3) | l1- l2 | S(4) | | | | |
| MTX MTX-HD | Nm | Nm | Nm | Nm | rpm | | | | | | | kg | kg | J(kg ^{m2}) | kg |
| 42 | 1200 | 2400 | 1980 | 3960 | For max. Allowable speed check fig n°7 at page 14 | 116 | 80 | 60 | 13-44 | 55 | 75 | 15 | 14 | 0,018 | 0,049 |
| 55 | 2600 | 5200 | 4290 | 8580 | | 152 | 100 | 79 | 16-58 | 70 | 90 | 25 | 22 | 0,052 | 0,068 |
| 70 | 5000 | 10000 | 8250 | 16500 | | 178 | 125 | 101 | 20-75 | 80 | 108 | 39 | 34 | 0,107 | 0,15 |
| 90 | 8600 | 17200 | 14190 | 28380 | | 213 | 148 | 124 | 25-95 | 95 | 124 | 62 | 52 | 0,285 | 0,19 |
| 100 | 14000 | 28000 | 23100 | 46200 | | 240 | 173 | 143 | 30-105 | 105 | 136 | 81 | 68 | 0,05 | 0,37 |
| 125 | 20600 | 41200 | 33990 | 67980 | | 279 | 204 | 170 | 35-130 | 120 | 158 | 120 | 97 | 0,99 | 0,53 |
| 145 | 33000 | 66000 | 54450 | 108900 | | 318 | 242 | 205 | 45-150 | 135 | 172 | 173 | 139 | 1,77 | 0,65 |
| 165 | 45600 | 91200 | 75240 | 150480 | | 346 | 268 | 216 | 55-165 | 150 | 192 | 235 | 190 | 2,84 | 1,4 |
| 185 | 61400 | 122800 | 101310 | 202620 | | 389 | 302 | 250 | 60-190 | 170 | 210 | 344 | 276 | 5,48 | 1,8 |
| 205 | 80800 | 161600 | 133320 | 266640 | | 425 | 327 | 275 | 70-210 | 185 | 230 | 388 | 299 | 6,99 | 2,1 |
| 230 | 105500 | 211000 | 174075 | 348150 | | 457 | 354 | 300 | 100-230 | 200 | 250 | 446 | 340 | 9,87 | 2,9 |
| 260 | 161000 | 322000 | 265650 | 531300 | | 527 | 410 | 340 | 115-260 | 230 | 280 | 660 | 506 | 17,14 | 5,2 |

- From size 185 (included) the coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.
- Distance to be specified by the customer. DBSE is distance between shafts ends, not between flanges.

- Setscrews can be included upon request.
- Adapted hub length available upon request.

- ATEX certifications are available. Please, contact Regal Rexnord Jaure product engineering to define the zone and category.

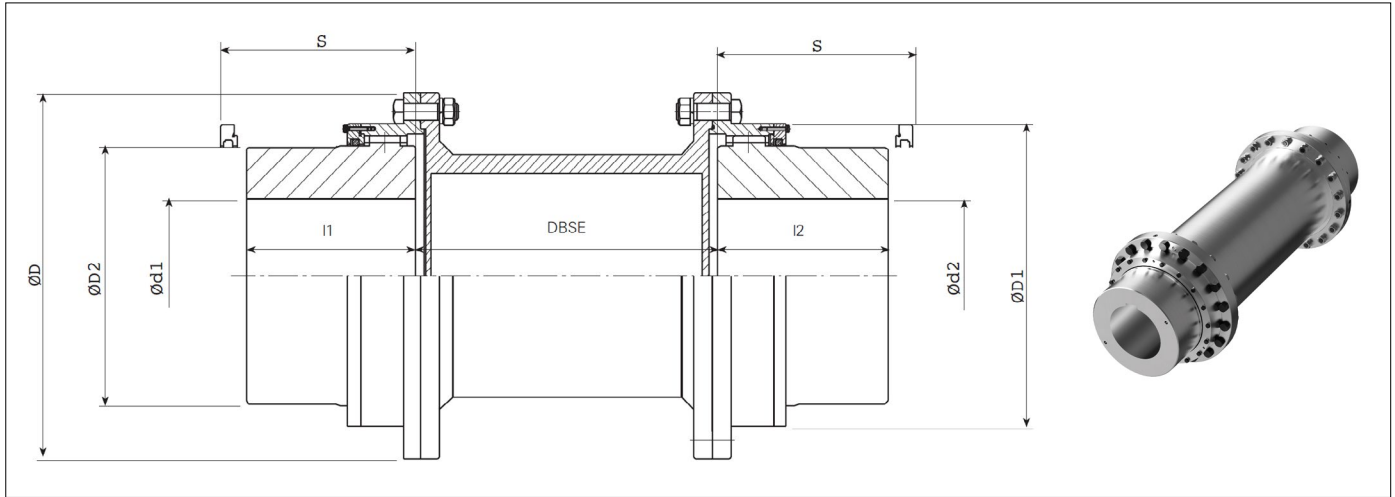


- The torque of the coupling does not include the connection transmission capacity.
- Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.
- Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please contact Regal Rexnord Jaure product engineering.
- Clearance to align coupling hubs and replacement of sealing rings.

- Weight and moment of inertia are given for minimum bore and 1m DBSE.
- Weight is given for maximum bore and 1m DBSE.
- The amount of grease indicated in the catalogue is for guidance only. For exact amount please refer to coupling instructions.
- n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

MTGX / MTGX-HD WITH SPACER

MARINE



Designation example: **MTGX-370 / DBSE= 1000 (mm) / n= 750rpm**

| SIZE | MTGX | | MTGX-HD | | n MAX (8) | GENERAL DIMENSIONS (mm) | | | | | | WEIGHT MAX. (5) | WEIGHT PER 100MM SPACER | WEIGHT MIN. (6) | MOMENT OF INERTIA | MOMENT OF INERTIA PER 100MM SPACER | GREASE QTY. (7) |
|-----------------|----------------------|------------------|----------------------|------------------|---|-------------------------|------|----------|------------------------------|-------|-------|-----------------------|----------------------------------|-----------------------|-------------------------|---|-----------------------|
| | TN NOMINAL (1) | TP MAX (1) | TN NOMINAL (1) | TP MAX (1) | | D | D1 | D2 | d1-d2 (min-max) (2)(3) | l1-l2 | S(4) | | | | | | |
| MTGX MTGX-HD | Nm | Nm | Nm | Nm | rpm | | | | | | | kg | kg | kg | J (kgm ²) | J (kgm ²) | kg |
| 280 | 220000 | 440000 | 363000 | 726000 | For max. allowable speed consult JAURE. | 540 | 443 | 370 | 140-280 | 250 | 300 | 765 | 25,0 | 584 | 23 | 0,72 | 1,7 |
| 310 | 250000 | 500000 | 412500 | 825000 | | 585 | 488 | 410 | 160-310 | 270 | 320 | 935 | 27,8 | 700 | 33 | 0,99 | 2,2 |
| 345 | 320000 | 640000 | 528000 | 1056000 | | 650 | 531 | 450 | 180-345 | 290 | 340 | 1178 | 31,6 | 868 | 53 | 1,45 | 2,5 |
| 370 | 400000 | 800000 | 660000 | 1320000 | | 690 | 571 | 490 | 210-370 | 325 | 370 | 1450 | 36,4 | 1078 | 71 | 1,64 | 3,0 |
| 390 | 510000 | 1020000 | 841500 | 1683000 | | 760 | 627 | 520 | 230-390 | 345 | 400 | 1816 | 46,2 | 1394 | 108 | 2,55 | 3,6 |
| 420 | 660000 | 1320000 | 1089000 | 2178000 | | 805 | 673 | 560 | 250-420 | 365 | 420 | 2072 | 46,4 | 1559 | 142 | 3,19 | 4,5 |
| 460 | 780000 | 1560000 | 1287000 | 2574000 | | 850 | 717 | 600 | 275-460 | 400 | 450 | 2486 | 56,2 | 1815 | 193 | 4,59 | 4,8 |
| 500 | 1000000 | 2000000 | 1650000 | 3300000 | | 930 | 769 | 650 | 300-500 | 410 | 490 | 2997 | 61,2 | 2188 | 279 | 5,90 | 7,0 |
| 550 | 1200000 | 2400000 | 1980000 | 3960000 | | 995 | 834 | 710 | 325-550 | 430 | 520 | 3563 | 65,0 | 2519 | 389 | 8,04 | 7,4 |
| 590 | 1600000 | 3200000 | 2640000 | 5280000 | | 1055 | 894 | 760 | 350-590 | 470 | 550 | 4370 | 81,6 | 3062 | 533 | 11,06 | 9,6 |
| 620 | 1800000 | 3600000 | 2970000 | 5940000 | | 1140 | 944 | 810 | 375-620 | 500 | 600 | 5475 | 92,5 | 3972 | 781 | 13,06 | 11,9 |
| 650 | 1900000 | 3800000 | 3135000 | 6270000 | | 1190 | 984 | 840 | 400-650 | 520 | 630 | 5940 | 89,3 | 4257 | 929 | 14,52 | 14,3 |
| 680 | 2100000 | 4200000 | 3465000 | 6930000 | | 1250 | 1059 | 890 | 425-680 | 540 | 650 | 6810 | 94,9 | 4934 | 1188 | 17,39 | 20,3 |
| 730 | 2600000 | 5200000 | 4290000 | 8580000 | | 1300 | 1109 | 950 | 450-730 | 570 | 680 | 7758 | 106 | 5436 | 1493 | 24,22 | 21,6 |
| 800 | 3800000 | 7600000 | 6270000 | 12540000 | | 1420 | 1224 | 1050 | 475-800 | 600 | 725 | 9990 | 141,7 | 6924 | 2270 | 38,80 | 26,6 |
| 900 | 5420000 | 10840000 | 8943000 | 17886000 | | 1600 | 1384 | 1180 | 500-900 | 670 | 800 | 14308 | 176,1 | 9682 | 4084 | 62,50 | 35,2 |
| 1000 | 7250000 | 14500000 | 11962500 | 23925000 | 1740 | 1524 | 1320 | 525-1000 | 740 | 890 | 18746 | 198,3 | 12136 | 6265 | 89,19 | 43,7 | |
| 1100 | 8650000 | 17300000 | 14272500 | 28545000 | 1880 | 1664 | 1450 | 550-1100 | 800 | 980 | 23940 | 230 | 14988 | 9238 | 118,66 | 55,5 | |
| 1200 | 10750000 | 21500000 | 17737500 | 35475000 | 1990 | 1784 | 1580 | 575-1200 | 850 | 1030 | 29217 | 254,1 | 17590 | 12806 | 159,84 | 54,6 | |

- The coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.
- Distance to be specified by the customer. DBSE is distance between shafts ends, not between flanges.

- Setscrews can be included upon request.
- Adapted hub length available upon request.

- ATEX certifications are available. Please, contact Regal Rexnord Jaure product engineering to define the zone and category.



- (1) The torque of the coupling does not include the connection transmission capacity.
- (2) Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.
- (3) Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please contact Regal Rexnord Jaure product engineering.

- (4) Clearance to align coupling hubs and replacement of sealing rings.
- (5) Weight, moment of inertia and torsional stiffness are given for minimum bore and 1m DBSE.
- (6) Weight is given for maximum bore and 1m DBSE.

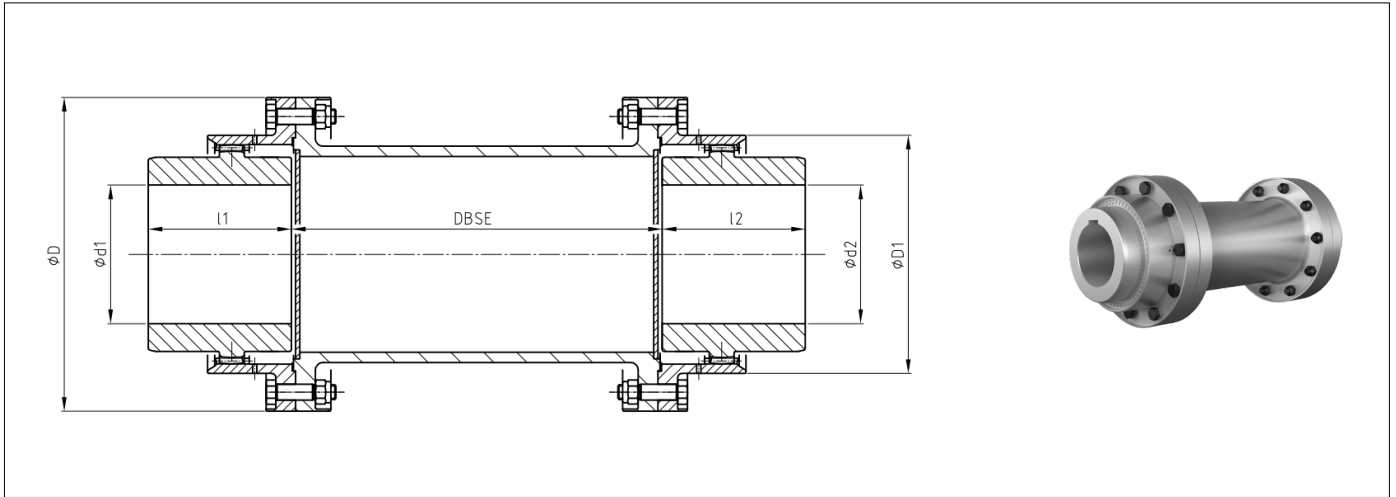
- (7) The amount of grease indicated in the catalogue is for guidance only. For exact amount please refer to coupling instructions.
- (8) n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

Technical modifications reserved

MTX-LI

OIL LUBRICATED WITH SPACER

MARINE



Designation example: **MTX-LI-125 DBSE=360 / n: 1500rpm**

| SIZE | TN NOMINAL (1) | TP MAX (1) | n MAX (6) | GENERAL DIMENSIONS (mm) | | | | WEIGHT MAX. (4) | WEIGHT MIN. (5) | MOMENT OF INERTIA (4) |
|--------|----------------|------------|--|-------------------------|-----|------------------------|-------|-----------------|-----------------|------------------------|
| | | | | D | D1 | d1-d2 (min-max) (2)(3) | l1-l2 | | | |
| MTX-LI | Nm | Nm | rpm | | | | | kg. | kg. | J (kg m ²) |
| 100 | 14000 | 28000 | For max. allowable speed, see Fig. N° 7 on page 14 | 246 | 175 | 30-105 | 105 | 92 | 78 | 0,58 |
| 125 | 20600 | 41200 | | 287 | 204 | 35-130 | 120 | 128 | 104 | 1,19 |
| 145 | 33000 | 66000 | | 325 | 242 | 45-150 | 135 | 165 | 131 | 1,78 |
| 165 | 45600 | 91200 | | 351 | 268 | 55-165 | 150 | 225 | 180 | 2,86 |
| 185 | 61400 | 122800 | | 395 | 302 | 60-190 | 170 | 303 | 235 | 5,16 |
| 205 | 80800 | 161600 | | 420 | 327 | 70-210 | 185 | 393 | 303 | 7,31 |
| 230 | 105500 | 211000 | | 447 | 354 | 100-230 | 200 | 483 | 377 | 12,14 |
| 260 | 161000 | 322000 | | 520 | 410 | 115-260 | 230 | 680 | 526 | 19,31 |
| 280 | 220000 | 440000 | | 552 | 442 | 135-280 | 250 | 861 | 676 | 26,48 |
| 310 | 250000 | 500000 | | 596 | 486 | 155-310 | 270 | 1054 | 814 | 38,84 |
| 345 | 320000 | 640000 | | 662 | 532 | 175-345 | 290 | 1220 | 904 | 56,12 |

From size 185 (included) the coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.

Setscrews can be included upon request.
Adapted hub length available upon request.

ATEX certifications are available.
Please, contact Regal Rexnord Jaure product engineering to define the zone and category.



(1) The torque of the coupling does not include the connection transmission capacity.

(2) Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.

(3) Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please consult Regal Rexnord Jaure product engineering.

(4) Weight and moment of inertia are given for minimum bore d1-d2 and 1m DBSE.

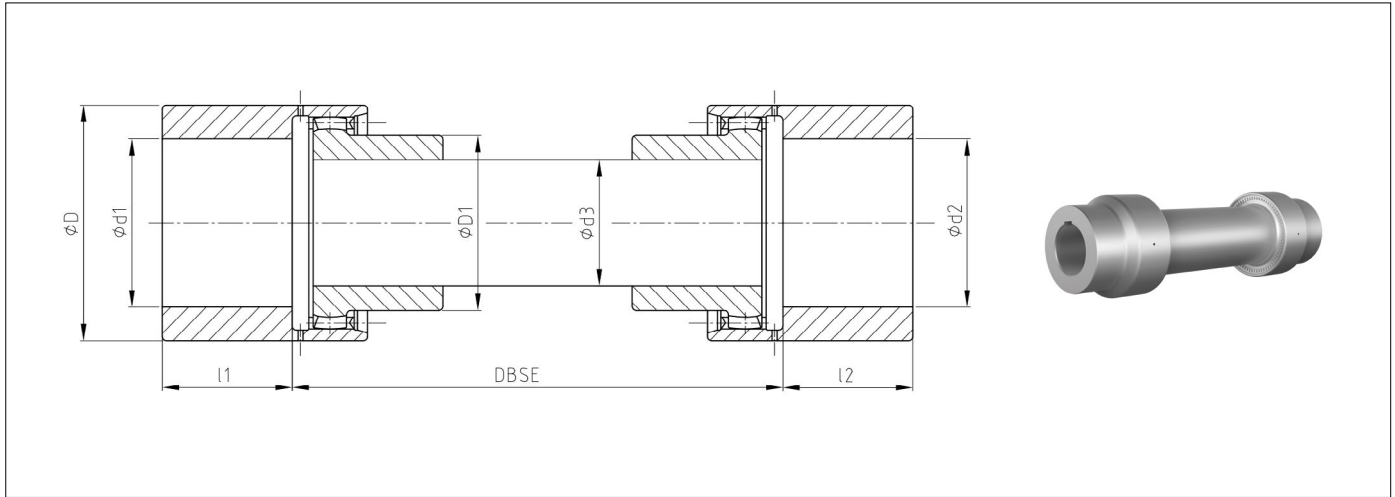
(5) Weight is given for maximum bore d1-d2 and 1m DBSE.

(6) n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

MTD-LE

OIL LUBRICATED WITH FLOATING SHAFT

MARINE



Designation example: **MTD-LE-125 DBSE=360 / n: 1500rpm**

| SIZE | TN NOMINAL (1) | TP MAX (1) | n MAX (6) | GENERAL DIMENSIONS (mm) | | | | | WEIGHT MAX. (4) | WEIGHT MIN. (5) | MOMENT OF INERTIA (4) |
|--------|----------------|------------|--|-------------------------|-----|------------------------|------------------|-------|-----------------|-----------------|------------------------|
| | | | | D | D1 | d1-d2 (min-max) (2)(3) | d3 (min-max) (2) | l1-l2 | | | |
| MTD-LE | Nm | Nm | rpm | | | | | | kg. | kg. | J (kg m ²) |
| 100 | 14000 | 28000 | For max. allowable speed, see Fig. N° 8 on page 14 | 178 | 143 | 30-135 | 30-105 | 105 | 118 | 96 | 0,32 |
| 125 | 20600 | 41200 | | 209 | 170 | 35-160 | 35-130 | 120 | 182 | 146 | 0,68 |
| 145 | 33000 | 66000 | | 247 | 205 | 45-185 | 45-150 | 135 | 266 | 213 | 1,44 |
| 165 | 45600 | 91200 | | 273 | 216 | 55-205 | 55-165 | 150 | 331 | 259 | 2,20 |
| 185 | 61400 | 122800 | | 307 | 250 | 60-230 | 60-190 | 170 | 459 | 356 | 4,01 |
| 205 | 80800 | 161600 | | 332 | 275 | 70-250 | 70-210 | 185 | 572 | 441 | 6,03 |
| 230 | 105500 | 211000 | | 359 | 300 | 100-270 | 100-230 | 200 | 697 | 542 | 8,86 |
| 260 | 161000 | 322000 | | 415 | 340 | 115-315 | 115-260 | 230 | 986 | 742 | 17,04 |
| 280 | 220000 | 440000 | | 470 | 370 | 135-355 | 135-280 | 250 | 1267 | 935 | 28,22 |
| 310 | 250000 | 500000 | | 491 | 410 | 155-375 | 155-310 | 270 | 1529 | 1141 | 38,84 |
| 345 | 320000 | 640000 | | 537 | 450 | 175-410 | 175-345 | 290 | 1914 | 1422 | 59,29 |

➤ From size 185 (included) the coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.

➤ Setscrews can be included upon request.
➤ Adapted hub length available upon request.

➤ ATEX certifications are available. Please, contact Regal Rexnord Jaure product engineering to define the zone and category.

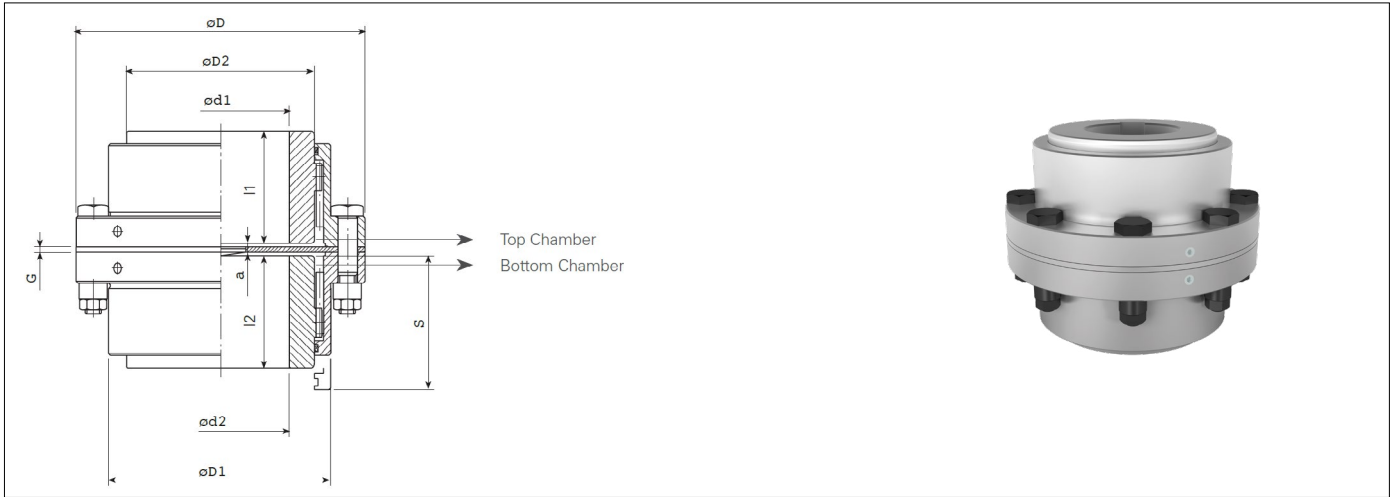


- (1) The torque of the coupling does not include the connection transmission capacity.
 (2) Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.
 (3) Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please contact Regal Rexnord Jaure product engineering.

- (4) Weight and moment of inertia are given for minimum bore d1-d2; maximum bore d3 and 1m DBSE.
 (5) Weight is given for maximum bore d1-d2; maximum bore d3 and 1m DBSE.
 (6) n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

MTV FOR VERTICAL INSTALLATION

MARINE



Designation example: **MTV-42**

| SIZE | TN NOMINAL (1) | TP MAX (1) | n MAX (8) | GENERAL DIMENSIONS (mm) | | | | | | | | WEIGHT MAX (5) | WEIGHT MIN (6) | MOMENT OF INERTIA (5) | GREASE QTY. TOP CHAMBER (7) | GREASE QTY. BOTTOM CHAMBER (7) |
|------|----------------|------------|-----------|-------------------------|-----|-----|------------------------|-------|----|---|------|----------------|----------------|-----------------------|-----------------------------|--------------------------------|
| | | | | D | D1 | D2 | d1-d2 (Min-Max) (2)(3) | l1-l2 | a | G | S(4) | | | | | |
| MTV | Nm | Nm | rpm | D | D1 | D2 | d1-d2 (Min-Max) (2)(3) | l1-l2 | a | G | S(4) | kg | kg | J(kg ²) | kg | kg |
| 42 | 1200 | 2400 | 8600 | 116 | 80 | 60 | 13-44 | 55 | 8 | 3 | 75 | 5 | 4 | 0,006 | 0,018 | 0,024 |
| 55 | 2600 | 5200 | 6600 | 152 | 100 | 79 | 16-58 | 70 | 8 | 3 | 90 | 10 | 7 | 0,021 | 0,038 | 0,033 |
| 70 | 5000 | 10000 | 5600 | 178 | 125 | 101 | 20-75 | 80 | 8 | 3 | 108 | 17 | 12 | 0,048 | 0,056 | 0,070 |
| 90 | 8600 | 17200 | 4700 | 213 | 148 | 124 | 25-95 | 95 | 9 | 3 | 124 | 29 | 19 | 0,125 | 0,100 | 0,096 |
| 100 | 14000 | 28000 | 4200 | 240 | 173 | 143 | 30-105 | 105 | 9 | 3 | 136 | 44 | 31 | 0,20 | 0,184 | 0,18 |
| 125 | 20600 | 41200 | 3600 | 279 | 204 | 170 | 35-130 | 120 | 12 | 5 | 158 | 68 | 45 | 0,48 | 0,279 | 0,27 |
| 145 | 33000 | 66000 | 3150 | 318 | 242 | 205 | 45-150 | 135 | 13 | 5 | 172 | 100 | 66 | 0,90 | 0,392 | 0,32 |
| 165 | 45600 | 91200 | 2860 | 346 | 268 | 216 | 55-165 | 150 | 13 | 5 | 192 | 134 | 89 | 1,45 | 0,669 | 0,70 |
| 185 | 61400 | 122800 | 2580 | 389 | 302 | 250 | 60-190 | 170 | 14 | 5 | 210 | 190 | 122 | 2,70 | 1,052 | 0,89 |
| 205 | 80800 | 161600 | 2320 | 425 | 327 | 275 | 70-210 | 185 | 16 | 6 | 230 | 255 | 166 | 4,15 | 1,465 | 1,1 |
| 230 | 105500 | 211000 | 2200 | 457 | 354 | 300 | 100-230 | 200 | 16 | 6 | 250 | 285 | 179 | 5,60 | 1,996 | 1,5 |
| 260 | 161000 | 322000 | 2000 | 527 | 410 | 340 | 115-260 | 230 | 16 | 6 | 280 | 420 | 266 | 9,35 | 3,097 | 2,6 |

From size 185 (included) the coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.

Setscrews can be included upon request.
Adapted hub length available upon request.

ATEX certifications are available.
Please, contact Regal Rexnord Jaure product engineering to define the zone and category.



(1) The torque of the coupling does not include the connection transmission capacity.

(2) Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact Regal Rexnord Jaure product engineering.

(3) Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please consult Regal Rexnord Jaure product engineering.

(4) Clearance to align coupling hubs and replacement of sealing rings.

(5) Weight and moment of inertia are given for minimum bore.

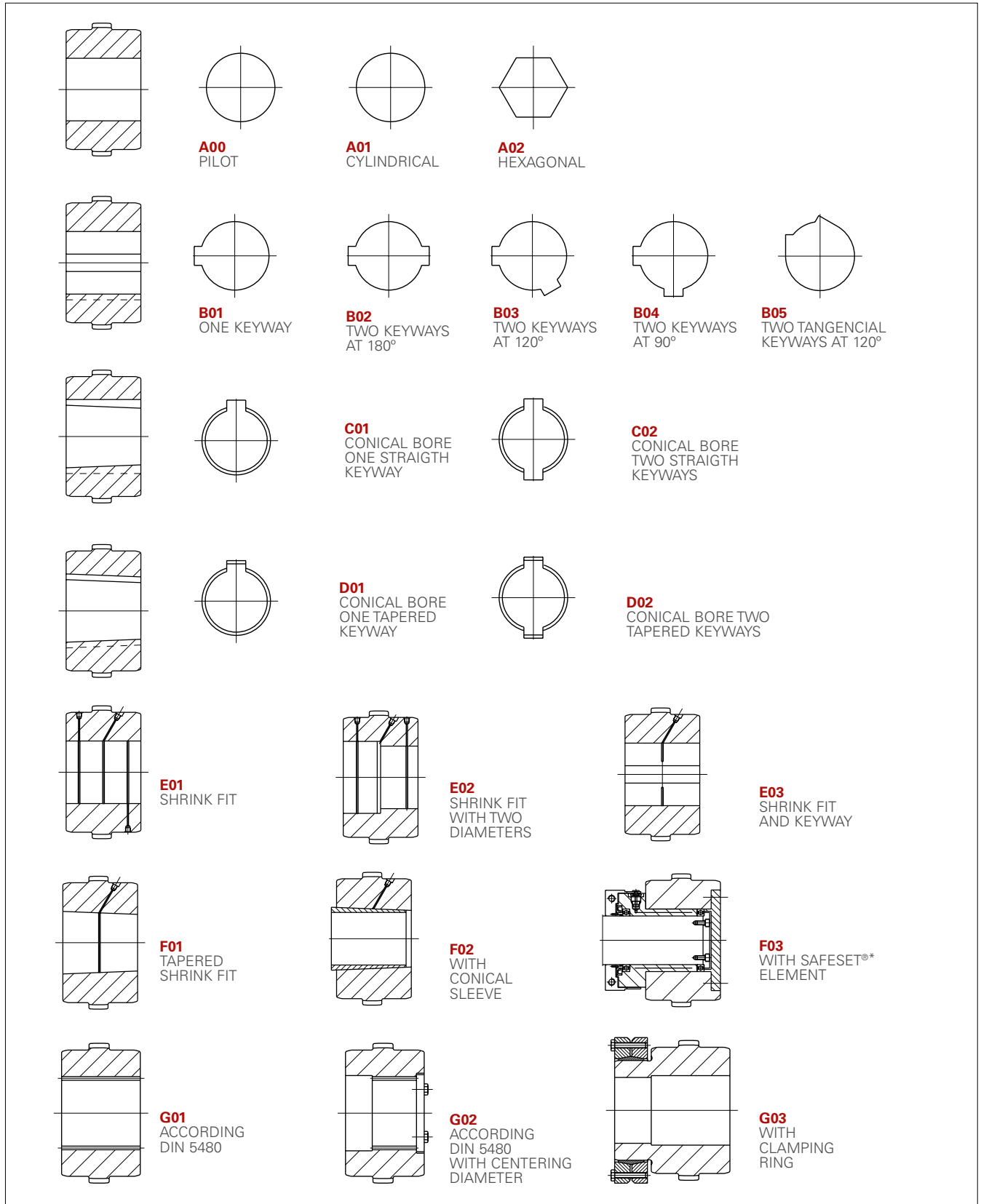
(6) Weight is given for maximum bore.

(7) The amount of grease indicated in the catalogue is for guidance only. For exact amount please refer to coupling instructions.

(8) n MAX speed for balanced couplings. For higher speeds contact Regal Rexnord Jaure product engineering.

**OTHER
INFORMATION,
MT COUPLING
DESIGNS &
REFERENCES**

SHAFT CONNECTION TYPES



*SAFESET is believed to be the trademark and/or trade name of Voith Turbo Safeset AB, and is not owned or controlled by Regal Rexnord Corporation.

RECOMMENDATIONS FOR SHAFT / BORE FITS

The following recommendations, according to ISO, are given for shaft/bore fits.

| TYPE OF FIT | SHAFT TOLERANCES | BORE TOLERANCES |
|--|------------------|-----------------|
| Interference fits with parallel keyway | h 6 | S 7 |
| | k 6 | M 7 |
| | m 6 | K 7 |
| | n 6 | J 7 |
| | p 6 | H 7 |
| Shrink fits* without parallel key | u 6 | H 7 |
| | v 6 | |
| | x 6 | |

* The stresses on the hub must be checked.

For keyway a tolerance width ISO P9 is recommended.

AXIAL FORCES INDUCED BY GEAR COUPLINGS

Gear couplings accommodate the misalignment through the sliding of the hub teeth over the sleeve teeth. This sliding imposes axial forces at the nearby bearings. This force has to be taken into account when designing the machine and the thrust bearings:

$$F_a = \frac{2 \times T_n \times \mu}{\varnothing_p \times 0,94}$$

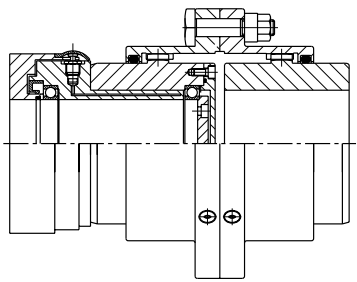
F_a = Axial Force (KN)

T_n = Nominal Torque to be transmitted (KNm)

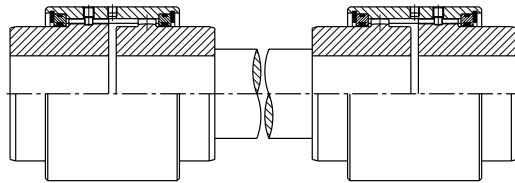
μ = Friction coefficient (μ=0,05 for good lubrication, μ = 0,3 for axial lock up)

∅_p = Pitch diameter of the gear mesh (in meters), Take D1 from catalogue as an approximate dimension or consult Regal Rexnord Jaure product engineering for a more accurate calculation.

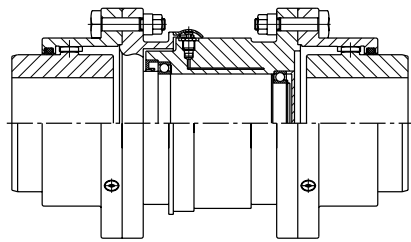
MT DESIGNS



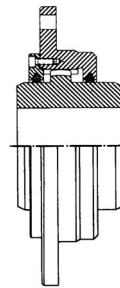
Type MTST-B with Safeset®* safety element



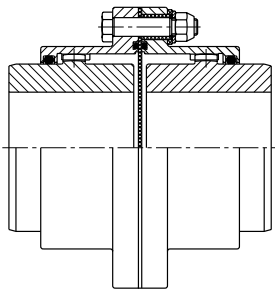
Type MTSD Horizontal floating shaft



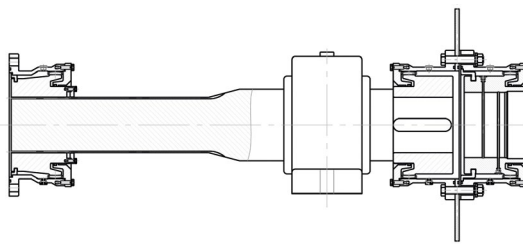
Type MTSR-P with Safeset®* safety element



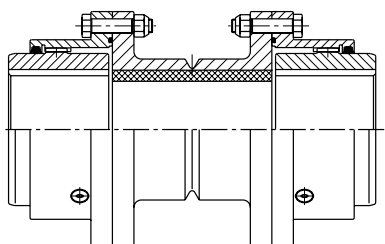
Type TE Gear coupling for lifting gear drums



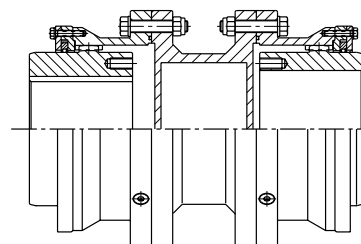
Type MTAE with electrical insulation



Type MTNR with special cover design

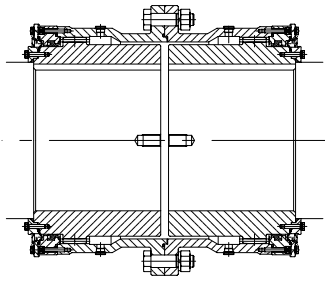


Type MTX-ER with a safety spacer

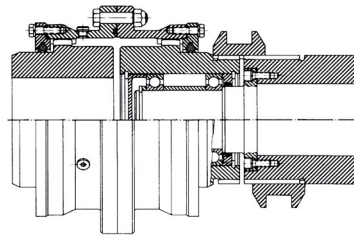


Type MTAD for high misalignment

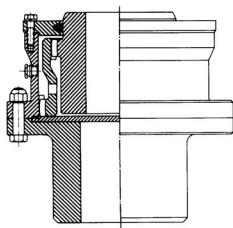
*SAFESET is believed to be the trademark and/or trade name of Voith Turbo Safeset AB, and is not owned or controlled by Regal Rexnord Corporation.



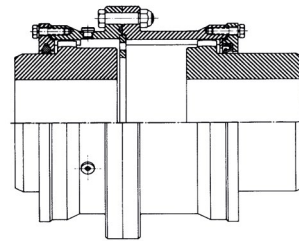
Type MT-UW for underwater



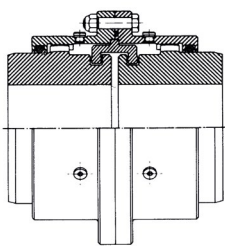
Type MTEL Disengaging coupling



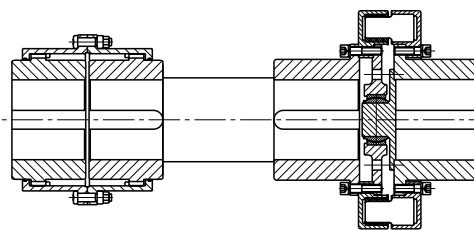
Type MTVS Vertical coupling



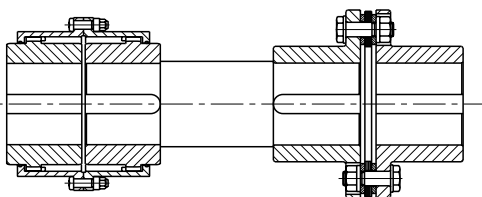
Type MTNCO special telescopic coupling



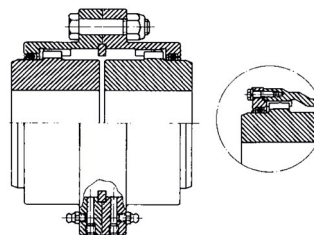
Type MTL Limited end float



Type MT in combination with a elastic coupling

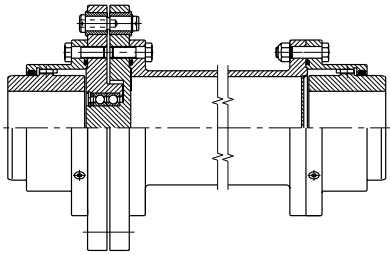


Type MT in combination with a disc pack coupling

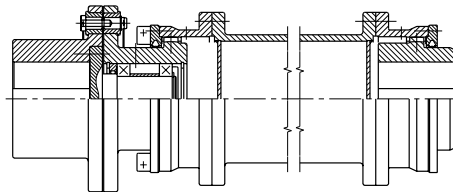


Type SID Metallurgy standard (FRANCE)

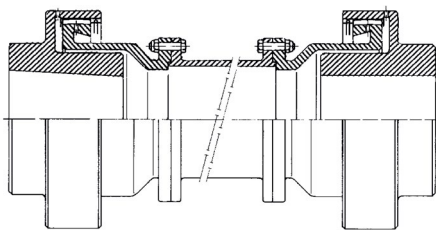
MT DESIGNS



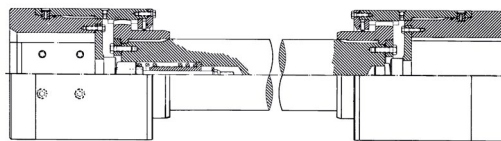
Type MTBLX Spacer shear pin coupling



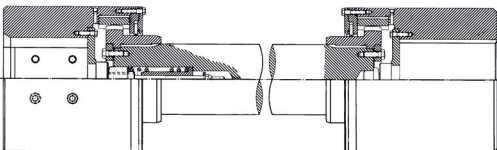
Type MTBRX Spacer shear pin coupling



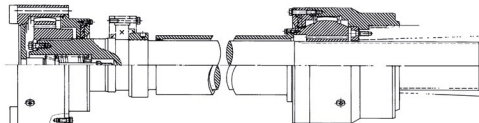
Type AVLE High-speed oil lubrication



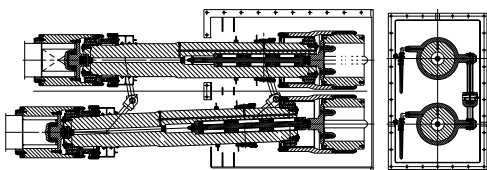
Type ALT Spindle coupling (rolling mill)



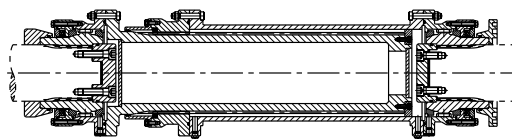
Type ALD Spindle coupling (rolling mill)



Type ALST Telescopic spindle coupling (rolling mill)

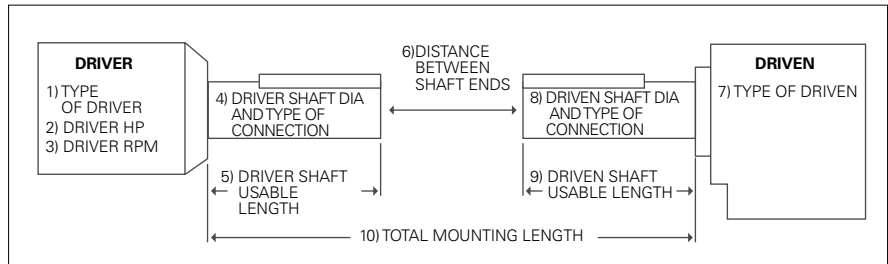


Type ALSTOL Spindle with continuous lubrication



Type MT Special with telescopic shaft

REQUIRED MINIMUM DATA



1. Type of driver (Electric Motor, Combustion Engine, Gearbox, etc.):

2. Driver Power:

3. Operating Speed (rpm):

4. Driver Shaft Diameter:

Type of connection (hub to shaft connection):

5. Driver Usable Shaft Length:

(Measure from the end of the shaft to any obstruction)

6. Distance Between Shaft Ends (DBSE):

7. Type of Driven Equipment:

8. Driven Shaft Diameter:

Type of connection (hub to shaft connection):

9. Driven Usable Shaft Length:

(Measure from the end of the shaft to any obstruction)

10. Total Mounting Length:

(Advise of any obstructions, walls, beams, guards, pipes, etc.)

11. Misalignment:

Angular:

Offset:

Axial:

12. Ambient Temperature:

13. Potential Excitation or Critical Frequencies:

(Torsional, Axial, Lateral)

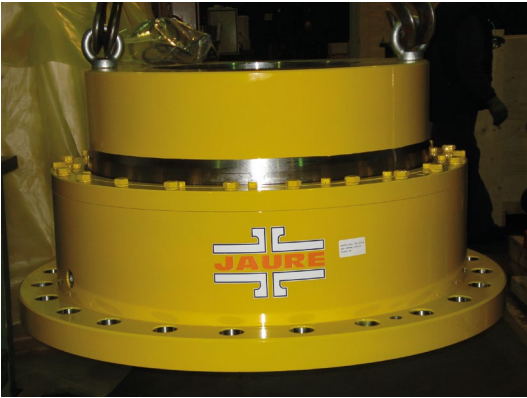
14. Space Limitations:

15. Limitation on Coupling Generated Forces:

(Axial, Moments, Unbalance)

16. Balance Requirements:

MT REFERENCES



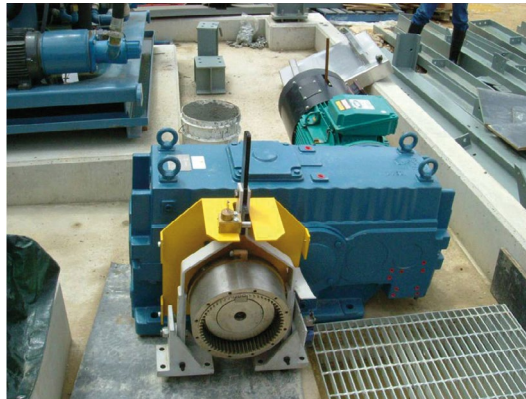
Steel main drive gear coupling



Heavy duty MT gear couplings



Intermediate gear coupling for HRM



Disengaging gear with lever



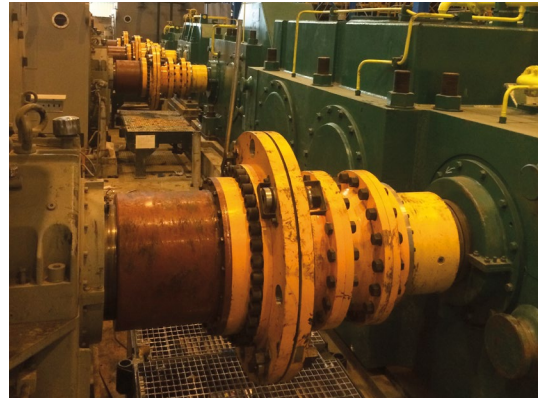
Gear inspection in CMM



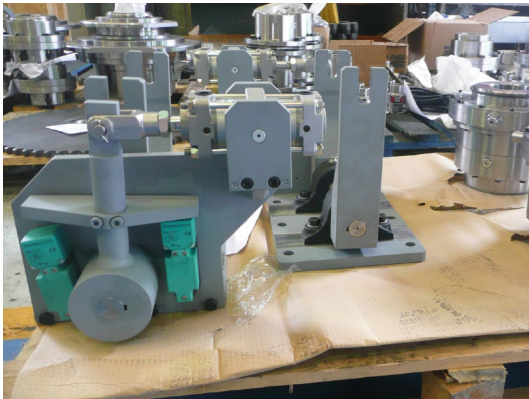
Gear coupling with brake



Gear coupling with JCFS carbon fiber shaft



Shear pin gear couplings in steel mill



Disengaging gear coupling with pneumatic lever



Jaure® gear spindles



MT gear hub

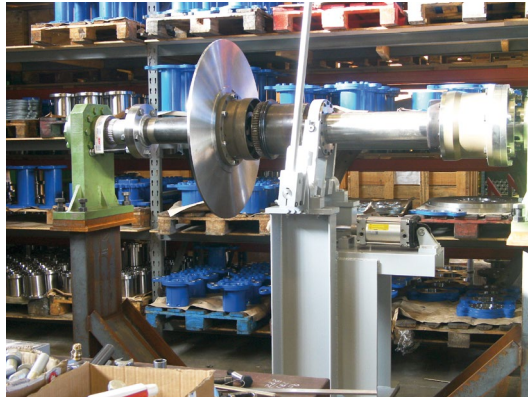


Jaure MTGX-HD-TI-1000 on wind test bench

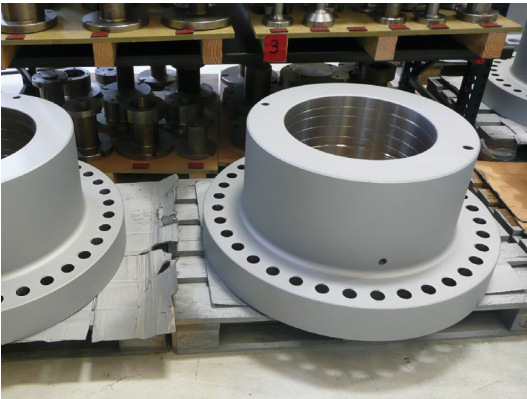
MT REFERENCES



Jaure® gear with JGFS glass fiber composite spacer



In house testing of pneumatic lever



Jaure PLMT rigid coupling



Jaure gear coupling with brake for hoisting



Jaure gear coupling for underwater operation



Shear pin type gear coupling



Jaure® MTG gear couplings



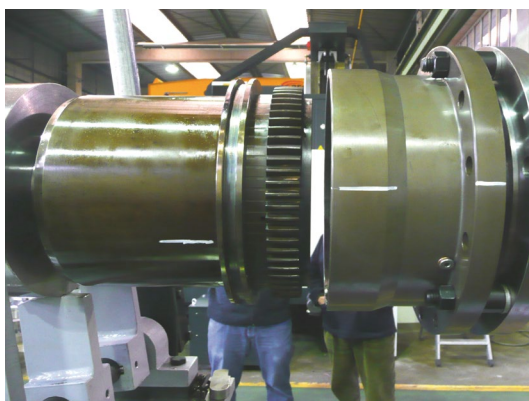
Nitrided gear hub



Case carburized gear spindles



Dredger gear coupling

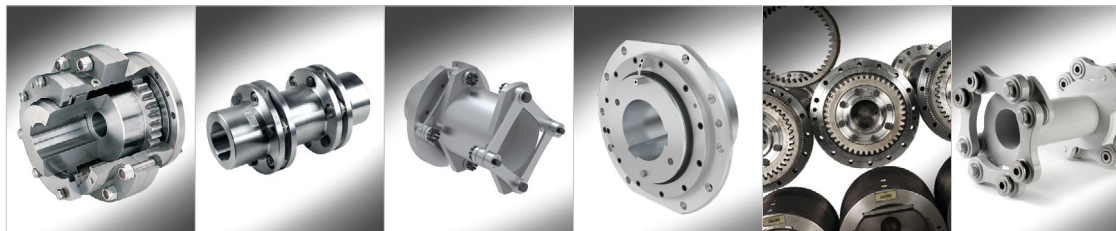


Gear clutching



Packing of MTG-HD gear coupling

JAURE® COUPLINGS MANUFACTURING PROGRAM



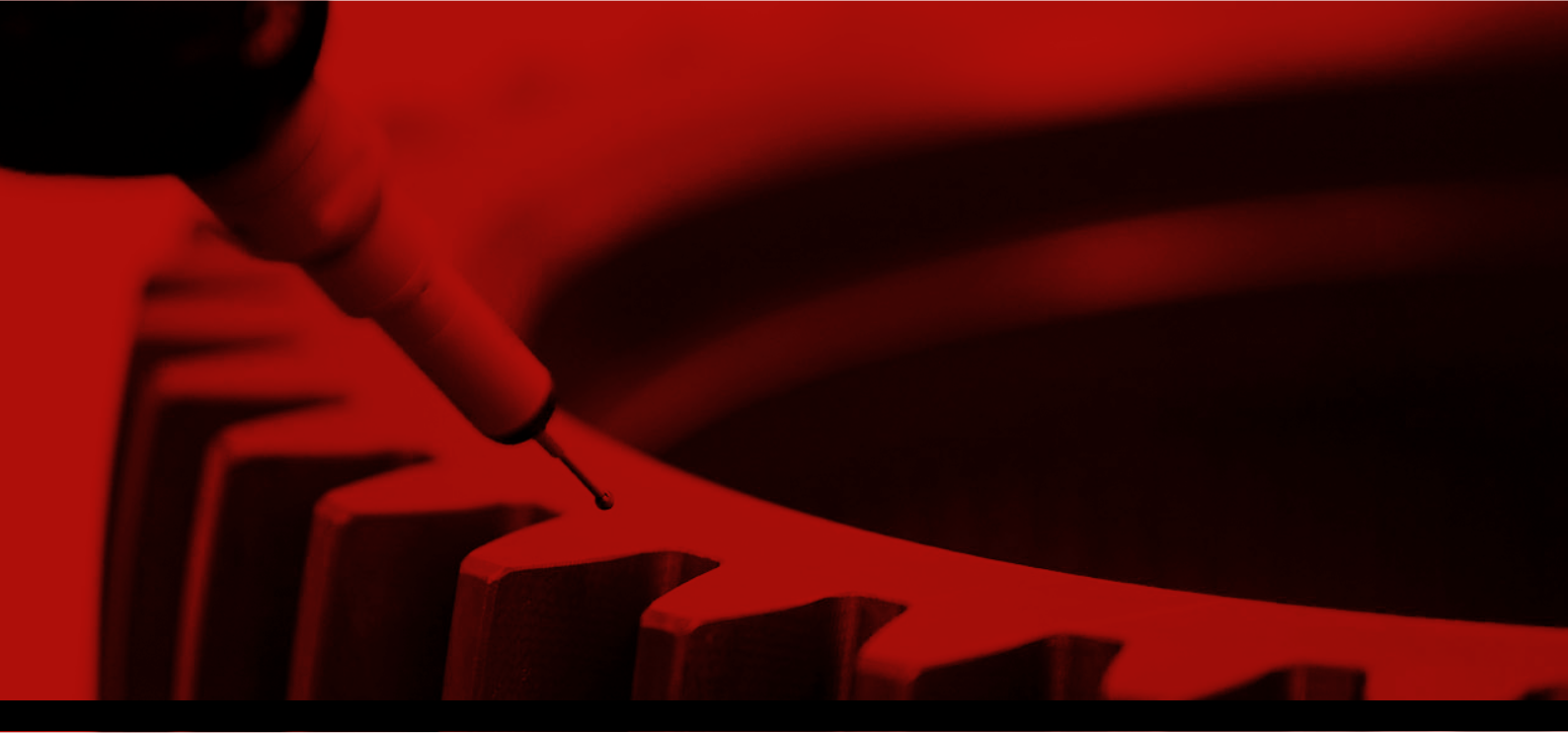
| PRODUCT BRAND NAME | MT | LAMIDISC® | LAMILINK™ | BARFLEX® | AL-S / AL-SD / ALD | IXILFLEX® |
|---------------------------|------|-----------|---------------|-----------------------|-----------------------|--------------|
| TYPE & DESCRIPTION | Gear | Disc pack | Metallic Link | Barrel (drum type) | Gear spindles | Elastic Link |
| INDUSTRY APPLICATION | | | | | | |
| Metals & Heavy duty | • | • | • | • | • | |
| Minerals & Mills | • | • | • | • | | |
| Crane & Hoisting | • | • | • | • | | |
| Pulp & Paper | • | • | • | | | • |
| Petrochemical / Oil & Gas | • | • | • | | | |
| Cooling Towers | | • | • | | | |
| Machine Tools | | • | • | | | |
| Marine | • | • | • | • | | • |
| Wind Turbines | | • | • | | | • |
| Test Benches | • | • | • | | | • |
| Railway | • | • | • | | | • |

| | | | | | | |
|--|---|---|---|--|---|---|
|  |  |  |  |  |  |  |
| COMPOLINK® | JAUFLEX® | RECORD | JCFS | JHC / JHC-HF | JFTL TORQUE LIMITER | JS NUT |
| Composite Link | Elastic | Grid / spring type | Composite Shafts | Hydraulic fit (shaft couplings) | Torque Limiter | Tensioner |
| | • | • | | • | • | • |
| | • | • | | • | • | • |
| | • | • | | | • | • |
| • | • | • | • | | | • |
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| • | | | • | • | | • |
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KOP-FLEX® & JAURE® COUPLINGS MANUFACTURING PROGRAM



| PRODUCT BRAND NAME | MAX-C® COUPLING | HIGH PERFORMANCE PROGRAM | | | KOP-FLEX GREASE | SERVICE |
|-----------------------------|-----------------------------------|--------------------------|------|-----------|---|------------------------------------|
| TYPE & DESCRIPTION | HEAVY DUTY ELASTIC COUPLING | GEAR | DISC | DIAPHRAGM | GEAR COUPLING / SPINDLE GREASE | REPAIR & MAINTENANCE PROGRAM |
| INDUSTRY APPLICATION | | | | | | |
| Metals & Heavy duty | • | | | | • | • |
| Minerals & Mills | • | | | | • | • |
| Crane & Hoisting | • | | | | • | • |
| Pulp & Paper | | | | | • | • |
| Petrochemical / Oil & Gas | • | • | • | • | • | • |
| Cooling Towers | | | | | • | • |
| Machine Tools | | | | | • | • |
| Marine | • | • | • | • | • | • |
| Wind Turbines | • | | | | • | • |
| Test Benches | • | • | • | • | • | • |
| Railway | • | • | | | • | • |



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