



LIFETIME SOLUTIONS

Keep your machines rolling

CHAIN & DRIVES[®]

chainanddrives.com.au
support@chainanddrives.com.au

We pioneer motion

SCHAEFFLER

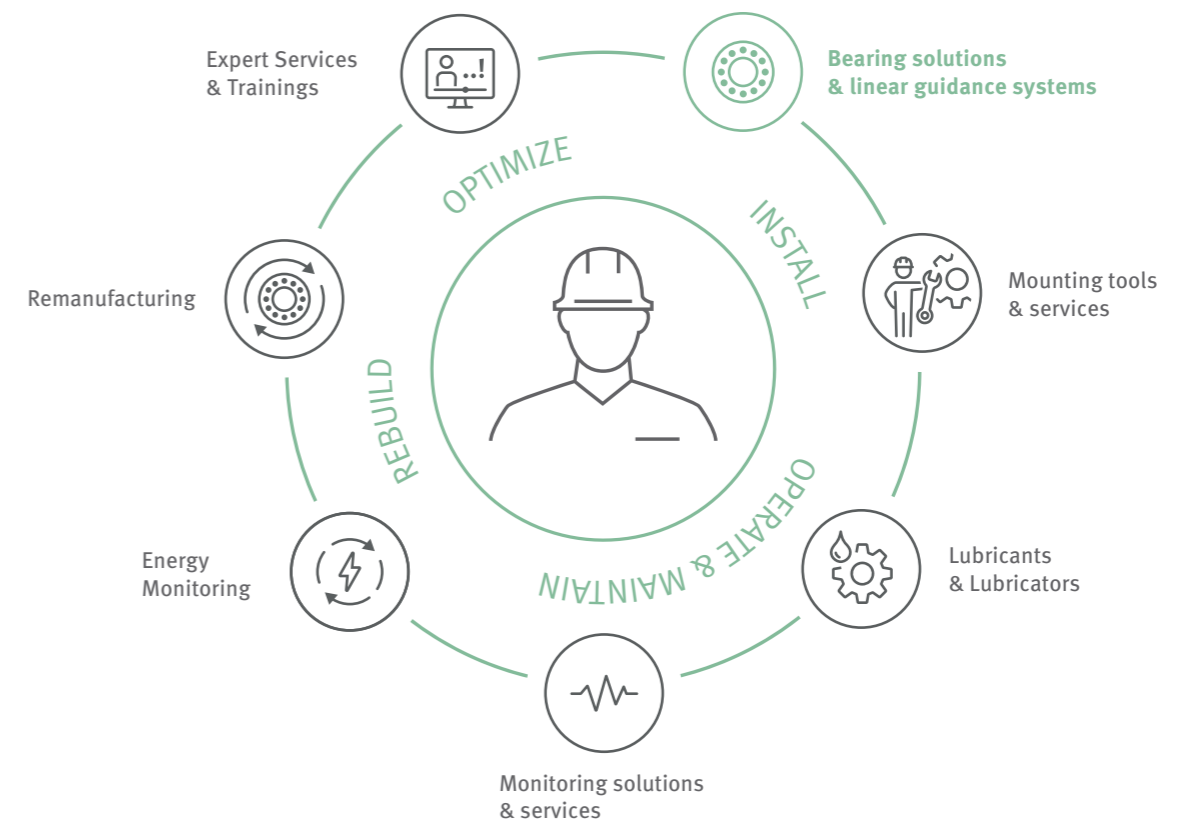


EASY SOLUTIONS TO SIMPLIFY MAINTENANCE

Lifetime Solutions Portfolio

Create added value

Avoiding unplanned machine downtime and the costs associated with it, which can exceed 100,000 euros per hour, is a challenge faced by companies in many different industries. Manual maintenance tasks require a lot of personnel and involve risks, especially when working on machines that are difficult to access in extreme environments. The Lifetime Solutions portfolio helps you overcome your challenges across all industries.



KEEP YOUR MACHINES ROLLING

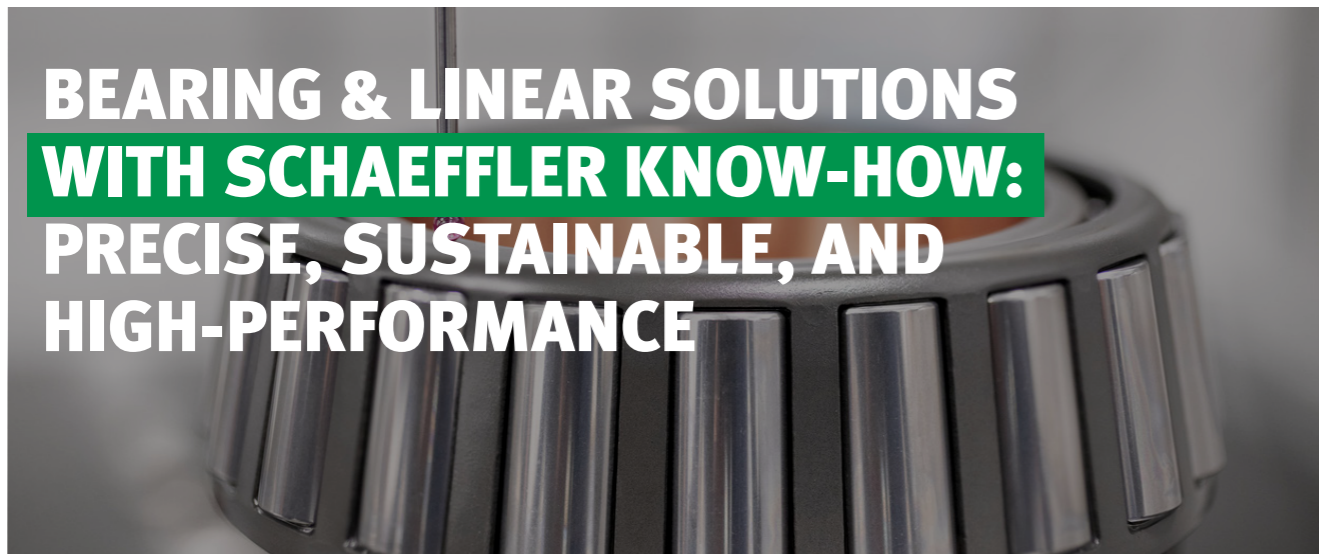
Lifetime Solutions

The Lifetime Solutions portfolio has a comprehensive range of products, services, and solutions for industrial maintenance. It is designed to support maintenance personnel over the entire service life of a machine and can be used in any industry.



> Schaeffler Lifetime Solutions

Bearing solutions & linear guidance systems



Angular contact ball bearings
The optimal choice for combined radial and axial loads, especially when space is limited



> [Product page](#)



Deep groove ball bearings
Versatile use thanks to their high speed capability and low-friction operation



> [Product page](#)



Tapered roller bearings
Compact, heavy-duty, and energy-efficient, they enable precise shaft guidance



> [Product page](#)



Cylindrical roller bearings
Designed for extreme loads, they offer flexibility, reliability, and low maintenance



> [Product page](#)



Linear solutions
Wide range of different ball recirculation units and profile rail guides for increased productivity

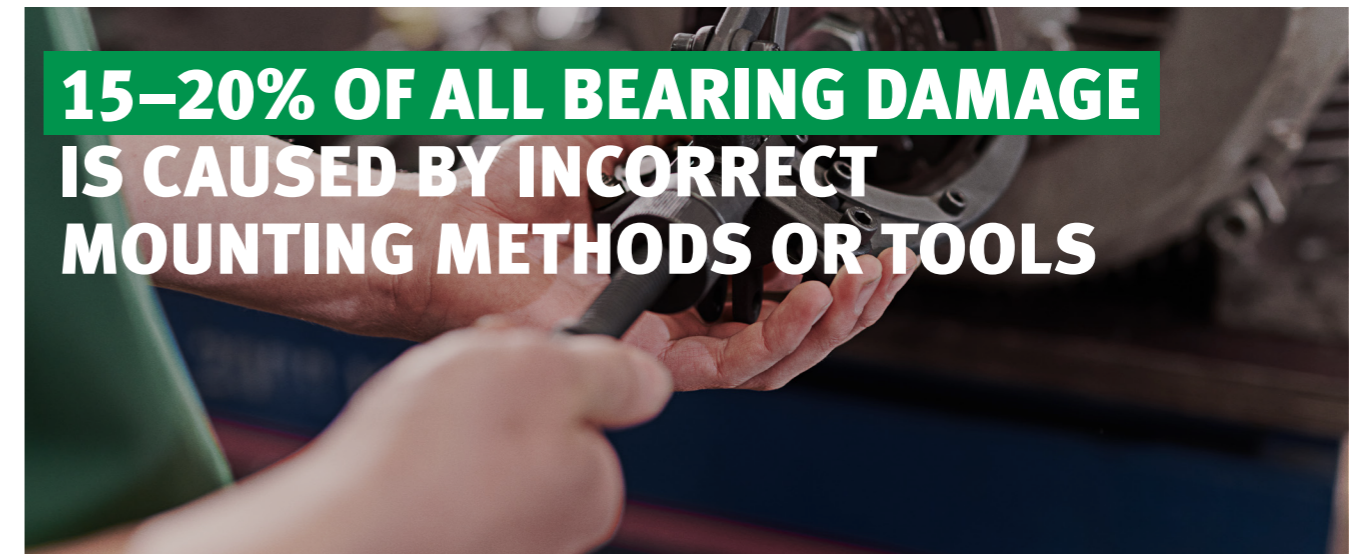


> [Product page](#)



Customer testimonial
Schaeffler's bearing, linear, and lubrication solutions perfectly fulfill our requirements in the food industry – both technically and in terms of quality.
– Michael M., Head of development of filling machines

Mounting tools & services



Mechanical tools
Suitable for maintenance work involving the mounting and dismounting of various components in different sizes



> [Product page](#)



Hydraulic tools
Reduce the risk of damage to components during mounting or dismounting



> [Product page](#)



Thermal tools: HEATER
Designed for mounting, offering time, energy, and cost savings



> [Product page](#)



Thermal tools: MF-Generator
Designed for mounting and dismounting, offering significant time, energy, and cost savings



> [Product page](#)



Alignment systems
Belt alignment device, belt tension meter and shaft alignment device prevent premature failures and increase machine efficiency



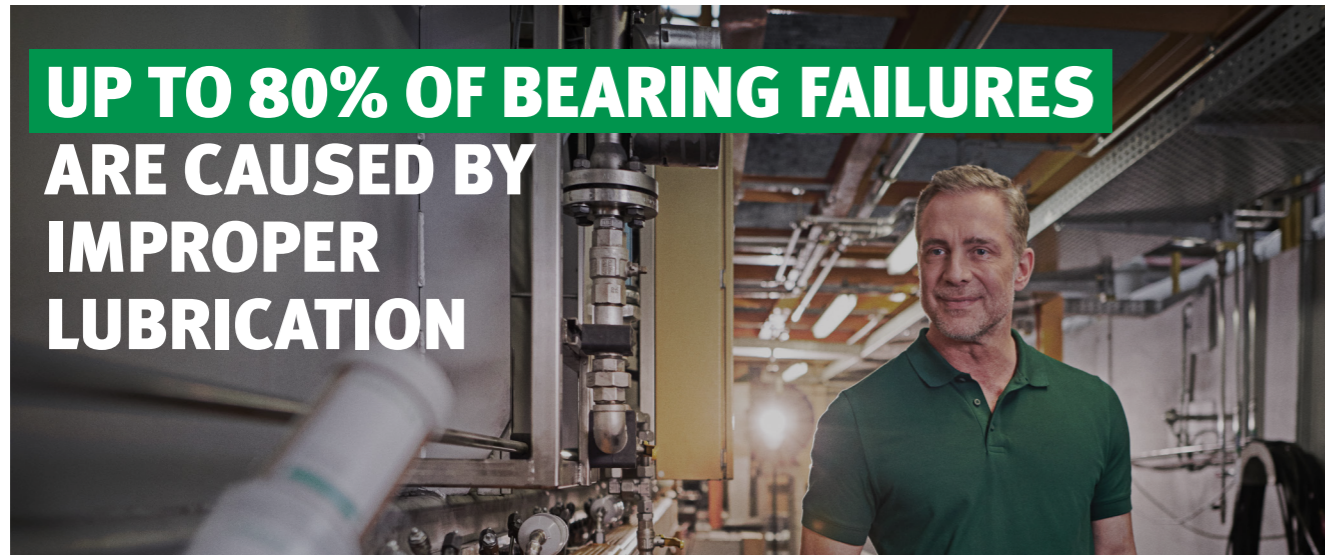
> [Product page](#)



Customer testimonial
Compared to an oil bath, the bearing can be heated around 12 times faster. In addition, we have greater safety for our team.
– Dede Sudrajat, Mechanischer Ingenieur



Mounting services: Our experts are available to help you before, during, or at any time during the mounting and dismounting. Contact: mounting-services@schaeffler.com



OPTIME C1/ FAG OPTIME C4
Smart lubricators that alert via app when a lubrication point requires attention



CONCEPT1
Gas-powered lubricator that can also be filled with greases from other manufacturers



CONCEPT2/4/8
Lubricator with two, four or eight outputs that can be controlled separately



OPTIME CM
Monitoring solution for thousands of rotating machines



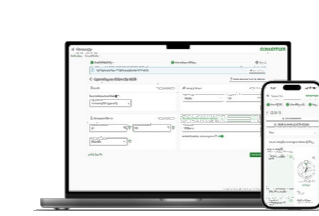
FAG OPTIME E-CM
Electrical monitoring solution for three-phase motors



ProLink CMS
Monitoring solution for multiple machines critical for production



Arcanol
18 Arcanol greases can reduce wear by up to three times and double the grease service life



Grease App
Identifies suitable Arcanol grease, grease operating life, relubrication interval as well as the lubricant quantity



Customer testimonial
With the OPTIME C1, we have been able to significantly reduce costs compared to manual lubrication. We are impressed and very satisfied.

– Rendle Rai S. Cua, Maintenance S. Manager

JFE MINERAL COMPANY, LTD.



SmartCheck
Monitoring solution for individual machines critical for production



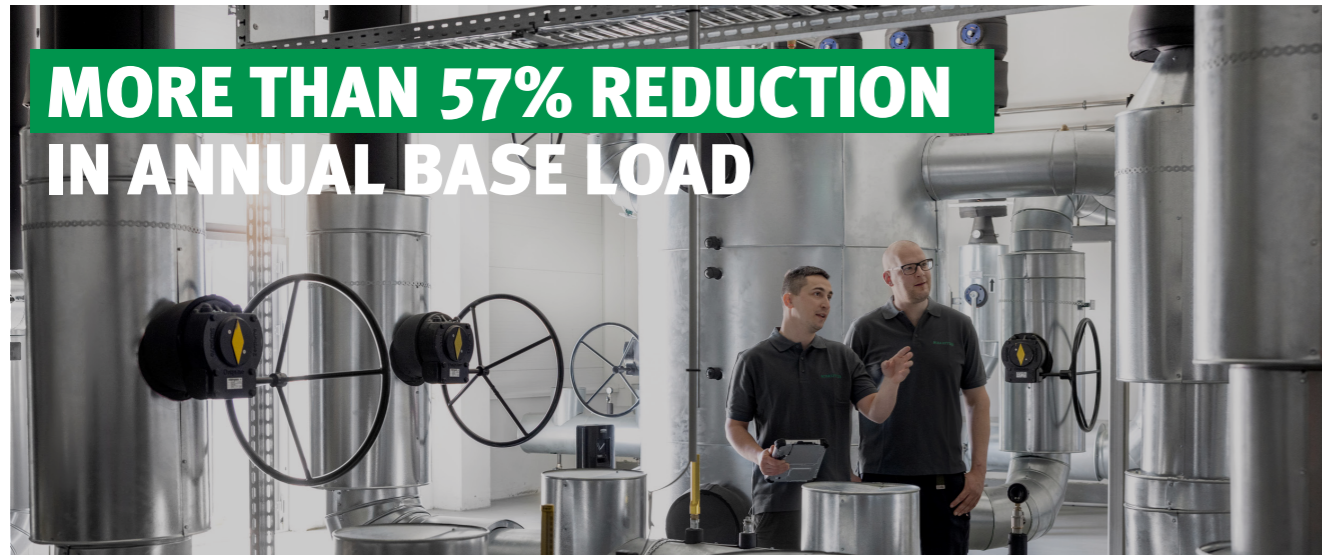
Premesy
Preload measurement system that detects preload-equivalent axial displacements in rolling bearings



Condition Monitoring Services
Remote service, OPTIME expert service, troubleshooting, inspections, and endoscopies



Energy monitoring



Power-Adapt

More transparency with an energy monitoring system, which warns, compares, calculates, analyzes, and runs automatically.

Having all energy data and data from other sensors or sources at a glance is really great.

– Lionel Bernard, Project Manager, France



[Product page](#)



Remanufacturing



New bearing or bearing remanufacturing?

There are good reasons for both installing a new bearing and remanufacturing existing bearings. It is difficult to determine when it is worthwhile to remanufacture a bearing and when it is not. Existing bearings are often replaced with new ones, even though they can be restored to like-new condition through professional reconditioning. Remanufacturing experts can help you improve your carbon footprint, reduce costs, and keep your machines running with short delivery times—and that's true for almost every industry.

Example from the marine sector

1

In 2014, Schaeffler delivered spherical plain bearings for the lever arms in long-term packaging



2

After 10 years in service, the spherical plain bearings showed clear signs of wear and were remanufactured by Schaeffler



3

Just like new – spherical plain bearings after remanufacturing



More information and contact details



[Product page](#)



Schaeffler Trainings Campus – Motion. Expertise. Value – Your gate to professional development

Practical training and web seminars for industry: Acquire basic and expert knowledge, product-related or product-independent, in on-demand, live, or hybrid training courses in many languages. For maintenance personnel, engineers, business people, and technicians. Customized training courses are also available.



Rolling and plain bearings

Training courses on general fundamentals and advanced concepts, as well as practical assembly training



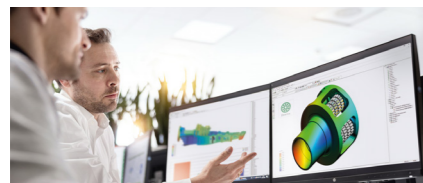
Linear systems

Training courses on monorail systems, rollers, and shaft guides



Maintenance solutions

Product and technology training



Engineering Tools

Training courses on tools that help optimize designs in applications



At the leading edge

Certification training courses on condition-based machine monitoring up to Category III and ISO lubrication



> Schaeffler Trainingscampus

Applications



Paper mill: OPTIME CM does well in motor monitoring



Logistics center: SmartCheck monitors rack feeder motors



Industry: CONCEPT1 lubricates umpteen motors



Cement: OPTIME C1 lubricates with pinpoint accuracy and, thanks to smart technology, always indicates the status on a (mobile) end device regardless of location

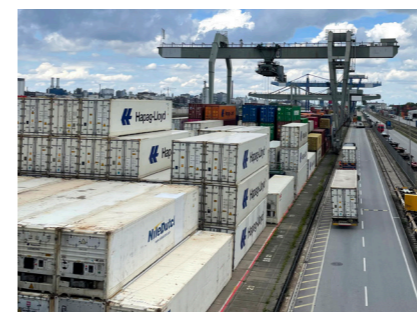


Industry: through gentle inductive heating, HEATERS prevent damages such as uneven running, fractures or abrasion marks



Industry: LASER-EQUILIGN2 always ensures professional alignment of your machines thanks to single laser technology

Customer Success Stories



Thanks to an intelligent condition monitoring solution, Contargo Rhein-Neckar has the dynamic conditions of its container cranes under control.



> Read the story



MVM Mátra Energia reduces maintenance work, grease consumption, and CO2 emissions with high-quality greases and lubricators.



> Read the story



Thanks to the Condition Monitoring Service experts, thyssenkrupp Steel Europe prevented an unplanned and high-cost gearbox failure.



> Read the story



> Read all stories



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