

SKF slewing bearing solutions and services

Optimize performance and service life

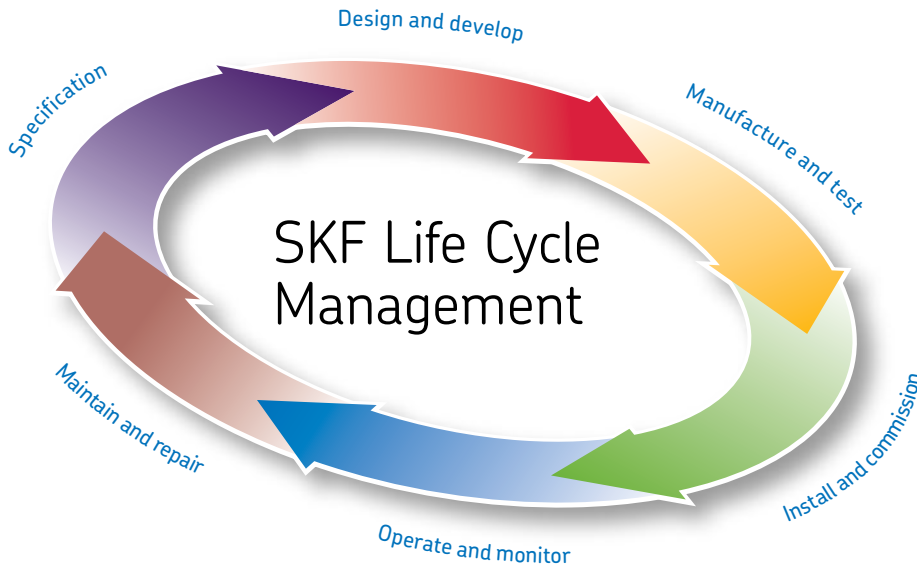


For more than 50 years, SKF has been designing and manufacturing many types and sizes of high-performance slewing bearings to meet the specific needs of customers worldwide. Combining decades of application knowledge, unmatched manufacturing expertise and our Life Cycle Management approach, SKF provides customized slewing bearings with outer diameters from 0,1 m to 18 m (>8 m to 18 m are segmented).

Unlike other providers of slewing bearings, SKF can offer fully tailored slewing bearing solutions with integrated advanced monitoring, lubrication and sealing systems for higher reliability and longer service life. Our wide range of expert slewing bearing services also help cut costs and optimize performance, while our global presence allows slewing bearing solutions and services to be delivered quickly around the world.



Improving reliability with Life Cycle Management



From specification and design to maintenance and repair, at SKF we use our Life Cycle Management approach to optimize both slewing bearing performance and service life while reducing total cost of ownership.

Specification

With in-house specialists across a wide range of critical areas such as seals, lubrication, wear protection and more, SKF enables you to work with application engineers and designers to find the right solution, right from the start. We can support your project by combining all of this application knowledge to improve designs and enhance performance of your slewing bearing solutions.

Design and develop

With over 50 years of slewing bearing experience and unmatched engineering expertise, we can help you design and develop high-performance slewing bearings from 0,1 m to 18 m (> 8 m to 18 m are segmented). Our Engineering Consultancy Services (ECS) can provide advanced calculations and simulations utilizing high-tech computer programmes to optimize and verify designs. All of these advantages combine to improve operational performance of application machinery and reduce total cost of ownership.

Manufacture and test

With over 100 manufacturing sites worldwide and sales companies in 70 countries, we offer fast, local access to SKF technologies, services and support. Our extensive logistics network provides excellent availability of SKF's slewing bearing solutions. To be able to offer slewing bearing manufacturing and testing excellence, SKF has developed close relationships with certifying authorities. Upon request, these authorities can certify the design of your slewing bearing solutions and witness testing. Additionally, the SKF Group is globally certified to ISO 14001 and OHSAS 18001, while individual divisions have been approved for quality certification in accordance with ISO 9001 and other customer specific requirements.

Install and commission

SKF Life Cycle Management features a range of expert services, training and products to provide timely, accurate commissioning of new and replacement machinery. Our offers include flatness measuring and machining of slewing bearing seatings or resin grout installation for larger slewing bearings. We also provide HYDROCAM bolt tensioners and more.

Operate and monitor

By collecting and analyzing the correct operating data, SKF can help you identify the need for machinery maintenance activities. We can help protect your slewing bearing solutions against unexpected failures and costly downtime with grease and oil analysis, wear measurement, vibration monitoring and ultrasonic inspection of the bearing's structural integrity.

Maintain and repair

SKF maintenance and remanufacturing services include everything from inspection to complete restoration to the full working specifications of slewing bearings, by using adapted and controlled processes to extend the service life of the slewing bearing.

Slewing bearing monitoring, services and savings



Reduce downtime with condition monitoring

SKF offers unmatched expertise and technology for monitoring your slewing bearing solutions and supporting your predictive maintenance needs. With a range of on-line and off-line solutions as well as wireless solutions, we can help you monitor everything from contamination levels of grease and oil to vibration levels in critical locations around slewing bearings. We provide off-line and on-line wear measurement, on-line raceway crack detection using integrated ultrasonic probes and on-line bolt tension monitoring. Where a wired condition monitoring solution was not feasible in the past due to cost associated with initial infrastructure set-up, a variety of wireless solutions is also available nowadays.



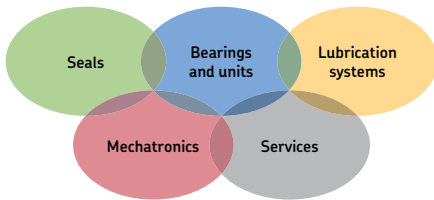
Remanufacturing saves cost and time

SKF's remanufacturing services can generate significant cost savings and save time when compared to purchasing a new bearing. Our global sales and application engineering network is there to comply with your requests and assist when you face emergencies or require a bearing to be inspected and/or remanufactured.



Expert technical assistance

To help you increase the service life of your slewing bearings, our specialist teams can plan and perform: mounting and dismounting, inspection in our workshops or on site, remanufacturing, checking slewing bearing seating flatness using a laser system and tensioning of bolts by using HYDROCAM bolt tensioners, all to improve the quality, performance and reliability of your equipment and more.



The Power of Knowledge Engineering

Combining products, people, and application-specific knowledge, SKF delivers innovative solutions to equipment manufacturers and production facilities in every major industry worldwide. Having expertise in multiple competence areas supports SKF Life Cycle Management, a proven approach to improving equipment reliability, optimizing operational and energy efficiency and reducing total cost of ownership.

These competence areas include bearings and units, seals, lubrication systems, mechatronics, and a wide range of services, from 3-D computer modelling to cloud-based condition monitoring and asset management services.

SKF's global footprint provides SKF customers with uniform quality standards and worldwide product availability. Our local presence provides direct access to the experience, knowledge and ingenuity of SKF people.

Talk to SKF about your application challenges.

SKF offers a broad range of slewing bearing solutions to improve machine reliability and availability. SKF engineers are ready to help you meet the unique challenges of your industry and application.

For more information or to discuss your needs, contact your local SKF representative or visit www.skf.com.



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