

Why SKF?

SKF Explorer spherical roller bearings



By design, SKF spherical roller bearings can accommodate very heavy radial and heavy axial loads in applications prone to misalignment or shaft deflection. SKF Explorer spherical roller bearings provide a significant improvement in key operational parameters. These bearings are so advanced that they can last several times longer than their rivals under typical heavy-duty conditions.

SKF Explorer spherical roller bearings are fully interchangeable with previously specified SKF standard spherical roller bearings of the same size. They are available as open bearings, sealed bearings and bearings for vibratory applications; custom designs can be adapted for specific requirements.

Product features

- Made of patented SKF Xbite steel
- Higher load-carrying capacity
- Lower operating temperature
- Reduced vibration and noise levels
- Longer lubricant life

User benefits

- Increased uptime and productivity
- Excellent high-speed performance
- Increased power output
- Lower maintenance and operating costs
- Reduced warranty costs
- Low noise level
- Environmentally friendly

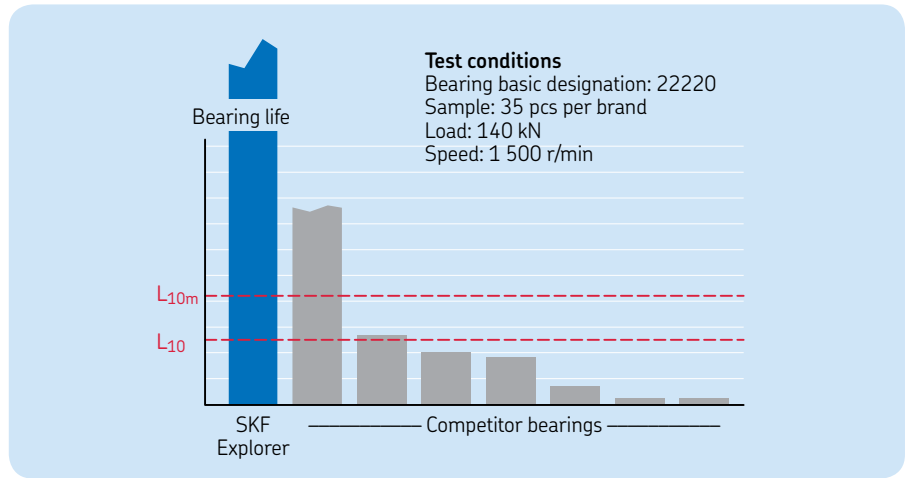
Common applications

- Gearboxes, pinion gears and pumps
- Fans and blowers
- Mining and construction equipment
- Textile machinery
- Petrochemical processing machinery
- Pulp and paper processing equipment
- Marine industry machinery
- Steel manufacturing equipment
- Wind mills, main shaft
- Railway

SKF

Off-the-chart endurance

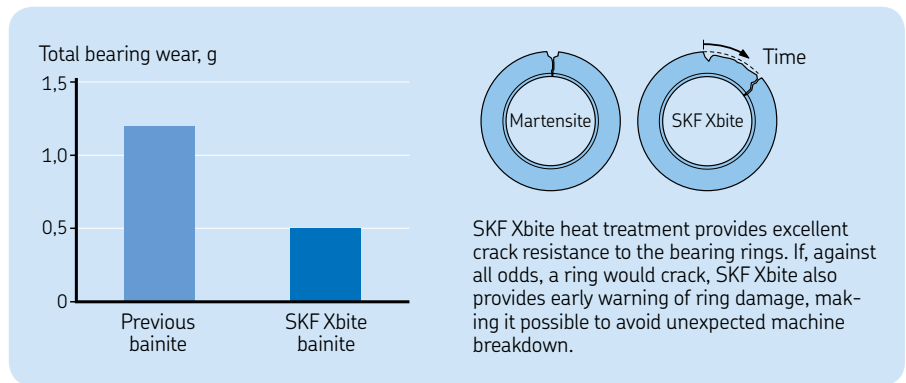
Under both clean and contaminated conditions, SKF Explorer spherical roller bearings can last several times longer than other spherical roller bearings on the market.



Powerful, patented SKF Xbite steel

SKF Explorer bearings are made of SKF Xbite heat-treated steel – an extremely clean, reduced-oxygen level steel that provides greater strength, surface hardness and dimensional stability at high temperatures; features leading to extended service life.

Higher surface hardness results in reduced wear, leading to extended service life.

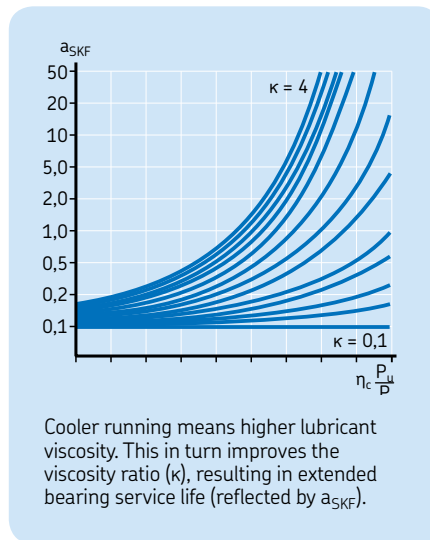


Better raceways

SKF Explorer spherical roller bearings feature an improved raceway surface finish that maximizes lubricant effectiveness for a smoother, cooler-running bearing that lasts longer.



An SKF Documented Solution specialist can show you the approximate return on investment (ROI) you can expect to receive by using this product in your application. Ask your SKF Authorized Distributor or SKF representative for more details.



A bearing for every application

SKF offers the industry's widest range of standard sealed spherical roller bearings, starting at 25 mm bore diameter. Availability equals that of corresponding open bearings.

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Publication 6547 KAMAN · Dec 2009

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