

Keep the lubricant where it belongs

– in catalogue geared motors



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How would you feel if you were responsible for this production line and discovered a geared motor leaking oil on the floor?



Catalogue geared motors drive a wide variety of light to medium-duty applications. In today's fiercely competitive global market, the challenge is to provide a reliability level that meets specific requirements. It starts by keeping vital lubricant where it belongs – inside the geared motor. At the same time, increasingly aggressive lubricants are limiting the effectiveness of traditional sealing solutions. With SKF radial shaft seals, you and your customers can rely on advanced seal designs and compounds developed specifically for reliable operation in industrial transmissions. This in turn helps sharpen your competitive edge.

The power of efficient sourcing – globally

Availability is crucial. With SKF you can take advantage of efficient sourcing that minimizes the total cost of component procurement. We make sure that you get the right premium SKF radial shaft seals for your geared motor. Thanks to the global SKF distribution network, you can count on reliable delivery service. SKF can also supply other high performance geared motor components, making it possible to reduce the number of suppliers, and thereby reduce administration costs and inconvenience.

Working together for a more competitive gear unit

SKF solutions for catalogue geared motors bring it all together – from engineering knowledge and innovative thinking to SKF high quality products and services. Our offer includes SKF Explorer performance class bearings, SKF radial shaft seals and engineering services. Quite simply, you and your customers can rely on enhanced performance and a more reliable process.

So discover what we can accomplish together. Contact your local SKF representative today.

Count on SKF radial shaft seals

Designed for reliable sealing performance

With SKF radial shaft seals, you can add value to your geared motors by offering superior sealing performance and extended seal service life. This range of seals has been specially designed by SKF to meet demanding requirements of geared motors. As a result, your customers get the powerful combination of a unique compound and optimized radial load that helps prevent oil leakage over an extended period of time. All in all, this opens up opportunities to improve equipment availability and reduce costs for unplanned maintenance.

Compounds that work for your geared motor

The composition of the sealing compound directly influences both performance and service life. This is why SKF has developed a new acrylonitrile-butadiene (nitrile) rubber compound that offers outstanding compatibility with the growing variety of aggressive lubricants used in catalogue geared motors. It also offers optimal pumping ability, so that the seal will instantly pump the oil back into the geared motor – where it belongs. For extremely demanding applications, the complete seal range is also available in a fluoro rubber compound. For your customers, these compounds make important contributions to a more reliable process.

Optimized radial load – available across the range

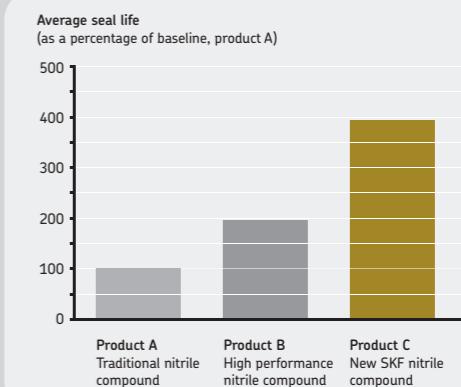
All SKF radial shaft seals in the range are designed with a well-balanced sealing lip and flex section. This design helps enable an optimal radial load. As a result, the seal can withstand dynamic run-out and shaft-to-bore-misalignment. This in turn means better performance and an extended service life.



To fit most applications, a design with a secondary sealing lip is also available, to protect the primary lip and provide additional protection against contaminants.

Top-class testing for top-class seals

To evaluate the sealing performance of the new SKF radial shaft seals, SKF has conducted tests under conditions typical for geared motors. The results prove that SKF radial shaft seals are among the best premium seals currently available. The combination of an advanced compound and optimized design provides your geared motors with the reliable sealing performance they deserve.



Seal service life tests verify the outstanding performance of SKF radial shaft seals.