

SKF Low Friction Engine Seals

Rotating elastomeric shaft seals offering high durability and low friction.

SKF Low Friction Engine Seals are based on the technology of the PTFE seals, but use sophisticated elastomer materials. These seals can be incorporated into all sealing solutions and modules.

Available applications

All rotating shafts, primarily in engines, but also in transmissions.

The new SKF Low Friction Engine Seal has been developed to meet the automotive industry targets on efficiency and emission reduction and offers the following value:

- Low friction and power loss to help minimize fuel consumption and CO₂ emissions.
- Outstanding sealing security for long life
- Variety of outer diameter designs for best installation and retention of the seal

SKF has been at the forefront of shaft seal design since the first patents in 1928, enabling us to offer special customized products which meet the latest technical requirements. The superior features of these designs provide:

- Robust sealing and high durability, even at high speed
- Improved capability on eccentricity and dynamic run-out compared to PTFE seals
- Good dry-running ability
- Minimal shaft wear
- Excellent dirt exclusion
- Simple installation
- Air tightness
- Special custom designs available, e.g. plastic bayonet fitting and SKF ROTOSTAT sealing module



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