

Power steering seals

Retain steering fluid in high-pressure applications while allowing for reduced friction in different positions of a power steering unit.

Available applications

Inner and outer steering rack, pump and gear.

Designs available:

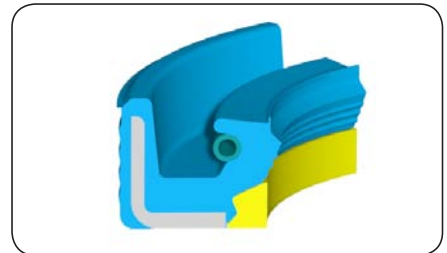
- Pump seals for high speed rotation and limited oil pressure
- Pinion seals for low rotation and higher oil pressure
- Inner and outer rack seals with alternating axial motion but extremely high oil pressures
- Input seals for low rotation and higher oil pressure

SKF has the expertise and extensive production experience to create the most advanced designs. The product features are:

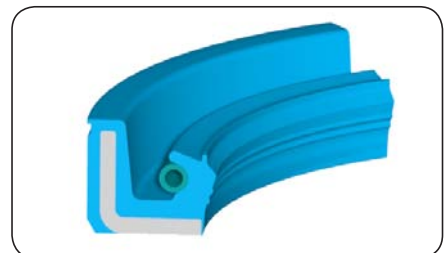
- Patented lip design
- Continuous / non-cut nylon ring
- Beaded outer diameter
- HNBR elastomer
- Captured insert
- Reciprocating motion

SKF power steering seals add value by delivering the following critical advantages:

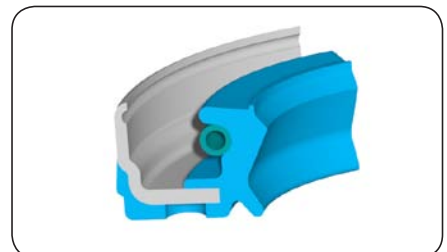
- Allows for reduced friction and improved sealing
- Allows for pressure and fluid resistance
- Improved resistance to forced extrusion of rubber
- Ease of installation
- High tensile strength
- Wide temperature range
- Plastic ring will not dislodge during shipping
- High reliability



Rack seal with captured insert



Pinion seal



Pump seal

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