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