

Transmission shaft seals

Provide oil sealing for transmissions and differentials with a selection of materials, whilst offering optimum performance in extreme temperature and fluid environments.

Available applications

Car and truck transmissions, axles and transfer cases.

SKF can offer a variety of designs for transmission seals such as:

- Radial contacting axial lips
- High flex designs with radial dirt lips
- Rear extension and RockGuard designs for output seals
- Standard designs for input seals
- Dual spring lip designs for both input and output seals as well as unitized solutions

SKF's custom design capabilities, superior testing procedures and extensive production experience allow us to develop the most advanced designs. The superior features of the transmission seals are:

- Superior base resistant elastomer material
- Superior dirt exclusion
- High flexibility in design – more capable of dynamic run-out and shaft to bore misalignment
- Can retain or separate lubricants

The SKF transmission seals add value by delivering the following critical advantages:

- More fluid compatibility with oil additive packages
- Wide temperature ranges
- Long life – increased reliability

SKF has a proven success record in the production of transmission seals with an extensive high volume customer base.



Input seal



Unitized output seal

© SKF is a registered trademark of the SKF Group.

© SKF Group 2013

The contents of this publication are the copyright of the publisher and may not be reproduced (even extracts) unless prior written permission is granted. Every care has been taken to ensure the accuracy of the information contained in this publication but no liability can be accepted for any loss or damage whether direct, indirect or consequential arising out of the use of the information contained herein.

PUB SE/P8 06732/2 EN · May 2013

Printed in Sweden on environmentally friendly paper.

