

Integrated monotube seal

Provides reliable sealing over a wide temperature range and easy installation

Available applications:

Motorcycle, snowmobile, ATV (All Terrain Vehicle/Quad).

SKF advantages:

- Wide temperature range of -40 to $+150$ °C using HNBR
- Plastic back-up ring to reduce friction and wear under high pressure
- Increased service life and performance
- Integration of all components into one easy to assemble unit (simplifying supply and installation)
- Optional stroke bumper can be integrated into the sealing system
- Compact solution to reduce height (to maximize stroke length/minimize shock absorber length)
- Simplified air bleeding thanks to unique one-piece design

SKF has state-of-the-art manufacturing processes that allow us to develop the most advanced profiles.

The design features of the integrated monotube seals are:

- Static OD seal as part of the unit
- Metal stamping supports all the features
- Stroke bumper integration
- Back-up ring to support the main lip under high pressure conditions
- Dedicated materials and designs tuned to each other

SKF has a proven success record in the production of shock absorber seals.

This patented innovation further extends the SKF product range of shock absorber sealing.



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Seal head unit

