

Piston seal

The innovative sealing solution for superior oil/air retention inside two-wheeler fork and shock absorber applications

The superior low friction NBR compounds combined with the refined seal design of SKF piston seals provide outstanding sealing performance in two-wheeler fork and shock absorber applications.

Available applications:

Motorcycle, mountain bike.

SKF advantages:

- High pressure sealing without losing performance
- Superior sealing against oil/air migration
- Minimized friction to enhance damping setting
- Compatibility with a wide range of original equipment and aftermarket suspension fluids
- Possibility to tailor designs to fit most applications
- Simplified installation

Features of this innovative solution:

- Superior design for robust assembly
- Integrated sealing functions to prevent oil/air migration
- Dynamic lip shapes to minimize friction
- Dynamic lips supported by back-up rings to keep constant performance and adaptation to a wide pressure range
- Metal insert for optimum seal contact pattern to shaft and housing
- Reduced axial space to provide more room for damping chamber
- Wide operating temperature range for maximum sealing performance



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