

Bicycle wheel hub shaft seal

Developed for reliable protection and friction reduction

Application

Bicycle wheel hub

Two-wheeler wheel hub shaft seals from SKF are made of superior low friction NBR compounds, enhanced by specifically developed designs, providing the ultimate riding experience with reduced friction and outstanding sealing performance.

Features

- Superior design for robust assembly
- Friction optimized rubber compound material and seal design to reduce power loss due to friction
- Robust static and dynamic sealing lip designs for improved contamination exclusion
- Dynamic lip shapes optimized to reduce friction
- Metal insert to create and maintain ideal seal contact pattern to the housing
- Reduced axial and radial space to provide best fit to compact wheel hub design

Benefits

- Reliable sealing property against external contamination to protect wheel hub interior mechanism
- High follow-ability during operation to avoid loss of seal lip contact to the shaft
- Possibility to tailor designs to fit different applications
- Minimized friction to enhance pedalling smoothness and energy saving
- Compact design to minimize weight and dimensions



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PUB SE/P8 18404 EN · April 2019

For further information, please contact:
seals.bikes@skf.com