

SKF – LEADING THE WORLD IN HUB TECHNOLOGY

Unitized designs – keep road contaminants out and bearing lubricants in for maximum bearing protection and life.

Optimized Steel – from our own steel mills and molded in our own forging facilities.

Multi-lip designs – usually 3- or 4-lip, providing superior exclusion of dirt, water, and other contaminants.

R-safe ++ – SKF's patented third generation sealing technology for increased interference fit and effectively reduces clicking noise.

Coating Technologies – enable SKF products to fight corrosion in a harsh environment, and without causing any collateral damage to the environment.

Lubricant technology – high tech grease proven to withstand the hardest tests in the industry; provides optimum bearing performance.



ABS/TCS sensor integration – SKF hubs include numerous variants of design with a range of passive or active speed sensors or integration with the vehicle's active safety systems like ABS and TCS.

Patented Falcon cage – makes it possible to increase the number of balls in the bearing, thus providing a far superior load capacity and lower stress on the raceway than with conventional designs.

Cold orbital forming technology – requires no re-heating of material, which could reduce quality of steel.

Decreased run out – effectively reduces vibration and noise associated with braking judder, increasing passenger comfort and safety.

Snap ring – new patented SKF design significantly increases the interference fit, which is fundamental in avoiding a clicking noise.

HNBR – Hydrogenated Nitrile Butadiene Rubber is compatible with all popular synthetic fluid lubricants; with strong resistance to abrasives.

Technical Edge

SKF