

The new generation

The new generation of SKF SPEEDI-SLEEVE combines a proprietary stainless steel material and manufacturing process, resulting in an optimized seal counterface surface that minimizes wear on both the sleeve and sealing lip.

The proprietary material provides increased strength and excellent ductility properties of the sleeve. Imperceptible lubricant pockets enable the lubricant to reside on the sleeve and prevent dry running of the sealing lip that otherwise can create excessive wear.

The sleeves are thin-walled [0,28 mm (0.011 in.)] and the contact surface is wear resistant and manufactured to minimize directionality. This is, in fact, a better counterface than can often be achieved on a shaft.

SKF SPEEDI-SLEEVE Gold

The new generation of SKF SPEEDI-SLEEVE is also available in the Gold version, designed for highly abrasive applications. A thin, metallic coating applied to the base stainless steel imparts a gold colour and significantly increases durability. SKF SPEEDI-SLEEVE Gold is particularly effective in environments where there are abrasive contaminants, especially when combined with a seal manufactured from the SKF fluoro rubber material SKF Duralife. For example, this sealing system solution lasted 2 500 hours in a contamination test.

The installation procedure is identical to that of standard SKF SPEEDI-SLEEVE and the original seal size can still be used.

Size range

The standard size range covers sleeves for shaft diameters from 11,99 to 203,33 mm (0.472 to 8 in.). Depending on production quantities, non-standard sizes can be manufactured.

Each sleeve is designed to fit a specific shaft range, usually above and below the nominal shaft diameter. This permits some flexibility to accommodate variations in the actual shaft diameter.



Wide application range

SKF SPEEDI-SLEEVE can be fitted virtually anywhere there is an elastomeric radial shaft seal. The enhanced sealing system perform-



The optimized sealing system: SKF SPEEDI-SLEEVE new generation + SKF radial shaft seal

ance offers increased mean time between failure (MTBF) and life-cycle costs are controlled through simplified maintenance procedures.

SKF SPEEDI-SLEEVE is already an established solution for industrial gearboxes, industrial electrical motors, construction and agriculture equipment and industrial pumps. In industries like mining, mineral processing and cement production, SKF SPEEDI-SLEEVE is used in equipment such as crushers, conveyors, motors, reducers and fans.

Gains from the optimized sealing system include increased productivity and profitability, thanks to a reduced need for extended maintenance, lower repair costs and an ability to plan maintenance with more accuracy. In addition, lubricant leakage is minimized, resulting in less environmental impact.

Single packages

SKF SPEEDI-SLEEVE is supplied in single packages to protect from contaminants and damage to the sleeve until installation. The packages also include an installation tool and instruction sheet, providing step-by-step guidance to easy installation.



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An SKF Documented Solution specialist can show you the approximate return on investment (ROI) you can expect to receive by using this product in your application. Ask your SKF Authorized Distributor or SKF representative for more details.

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Miller Bearings REV0619140938

