



Image may differ from product. See technical specification for details.

# 99181

## SKF Speedi-Sleeve

SKF Speedi-Sleeve provides an alternative to costly repairs for worn or damaged shafts. This thin-walled sleeve, specially developed by SKF, is simply positioned over the relevant part of the shaft and provides a smooth counterface that is optimized for radial shaft seals. Use of SKF Speedi-Sleeve can prevent the need for costly shaft treatments that may involve machining, hardening, plunge grinding or disassembly. SKF Speedi-Sleeve Gold is an enhanced version of standard SKF Speedi-Sleeve, offering improved resistance to abrasive wear.

- Optimized countersurface
- Cost effective
- Well-proven solution

Overview

Dimensions

|                                   |          |
|-----------------------------------|----------|
| Width                             | 17.48 mm |
| Shaft diameter, minimum           | 45.95 mm |
| Shaft diameter, maximum           | 46.1 mm  |
| Shaft diameter                    | 46.05 mm |
| Removable flange outside diameter | 53.09 mm |
| Seal seat width                   | 14.3 mm  |

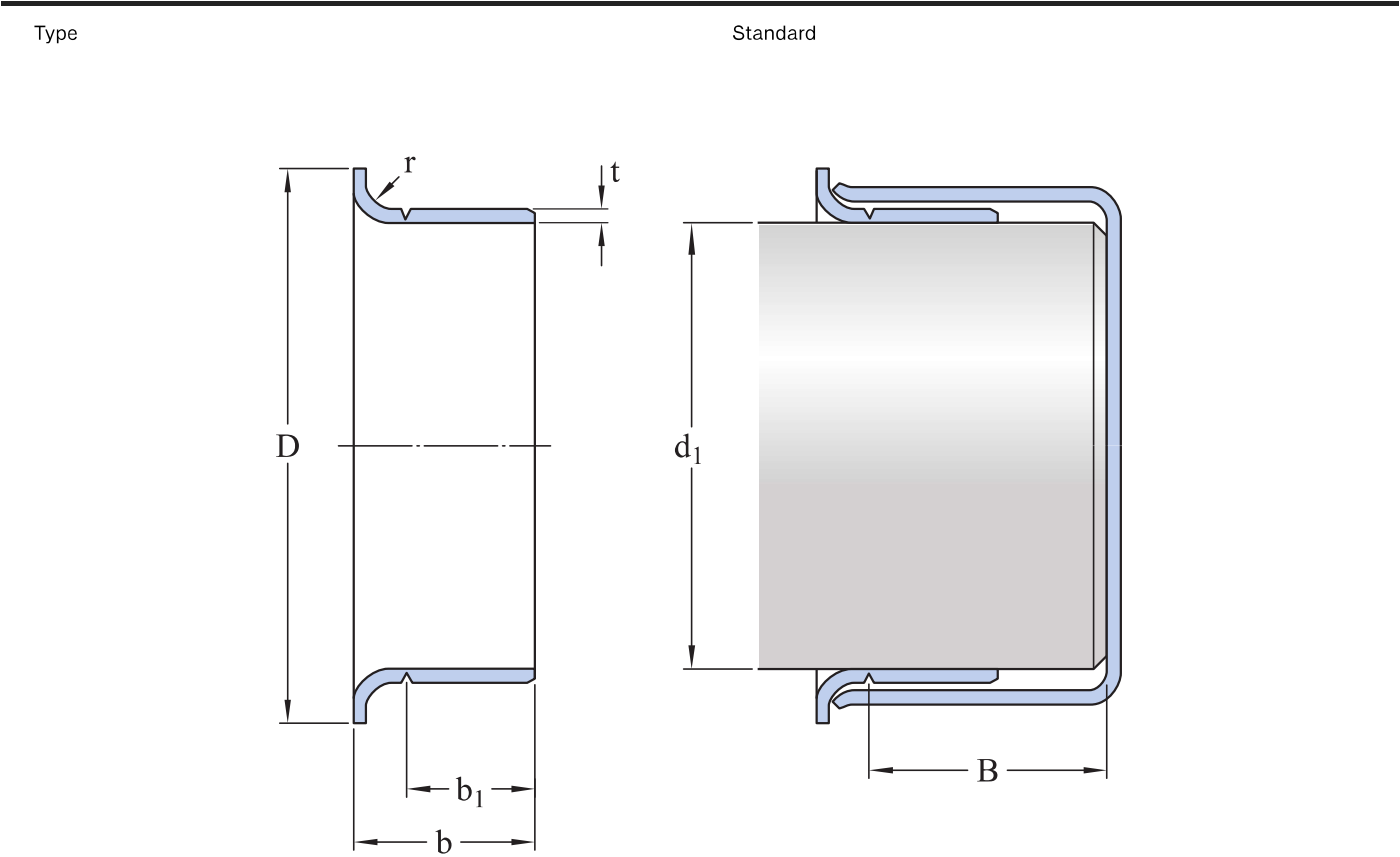
Properties

|        |          |
|--------|----------|
| Type   | Standard |
| Design | SSLV     |

Logistics

|                    |             |
|--------------------|-------------|
| Product net weight | 0.0408 kg   |
| eClass code        | 23-05-92-90 |
| UNSPSC code        | 31171605    |

Technical specification



Dimensions

SHAFT DIAMETER RANGE

|                |               |                      |
|----------------|---------------|----------------------|
| d <sub>1</sub> | min. 45.95 mm | Shaft diameter range |
| d <sub>1</sub> | max. 46.1 mm  | Shaft diameter range |

NOMINAL DIMENSIONS

|                |           |                              |
|----------------|-----------|------------------------------|
| d <sub>1</sub> | 46.05 mm  | Nominal bore diameter        |
| D              | 53.09 mm  | Nominal outside diameter     |
|                | ± 1.57 mm | Tolerance outside diameter D |
| b              | 17.48 mm  | Nominal width                |
|                | ± 0.8 mm  | Tolerance width b            |

|       |              |                                                     |
|-------|--------------|-----------------------------------------------------|
| $b_1$ | 14.3 mm      | Nominal width of plain sleeve (up to flange groove) |
|       | $\pm 0.8$ mm | Tolerance width $b_1$                               |
| B     | max. 25.4 mm | Installation distance                               |
| r     | max. 3.18 mm | Bushing radius (chamfer) between bore and side face |
| t     | 0.25 mm      | Nominal thickness                                   |

More Information

|                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                              |
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| <div> <b>Engineering information</b></div> <div><a href="#">Radial shaft seals</a></div> <div><a href="#">Casette seals</a></div> <div><a href="#">Wear sleeves</a></div> <div><a href="#">Track pin seals</a></div> <div><a href="#">Metal face seals</a></div> <div><a href="#">V-ring seals</a></div> <div><a href="#">Axial clamp seals</a></div> | <div> <b>Related documents</b></div> <div><a href="#">Industrial sealing solutions (644.6 KB)</a></div> <div><a href="#">HMS5 and HMSA10, shaft seals (192.4 KB)</a></div> <div><a href="#">SKF Speedi-Sleeve (591.9 KB)</a></div> <div><a href="#">SKF Mudblock seals (350.0 KB)</a></div> | <div> <b>Catalogues</b></div> <div><a href="#">Industrial shaft seals (7.2 MB)</a></div> <div><a href="#">Reinforced shaft seals (1.7 MB)</a></div> <div><a href="#">CR Seals handbook (7.9 MB)</a></div> |
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