



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

## PRM 808540

### Wrapped bronze straight bushing

SKF wrapped bronze straight (cylindrical) bushings are suitable for oscillating, rotating and linear movements, and can accommodate radial loads. They are an excellent solution for dirty environments where high levels of contamination make relubrication necessary. Their

sliding surface has diamond-shaped pockets that serve as reservoirs to progressively release lubricant during operation.

- Insensitive to dirty environments
- Resistant to impact loads and vibrations at slow speeds
- Good corrosion resistance

Overview

Dimensions

|                  |       |
|------------------|-------|
| Bore diameter    | 80 mm |
| Outside diameter | 85 mm |
| Width            | 40 mm |

Properties

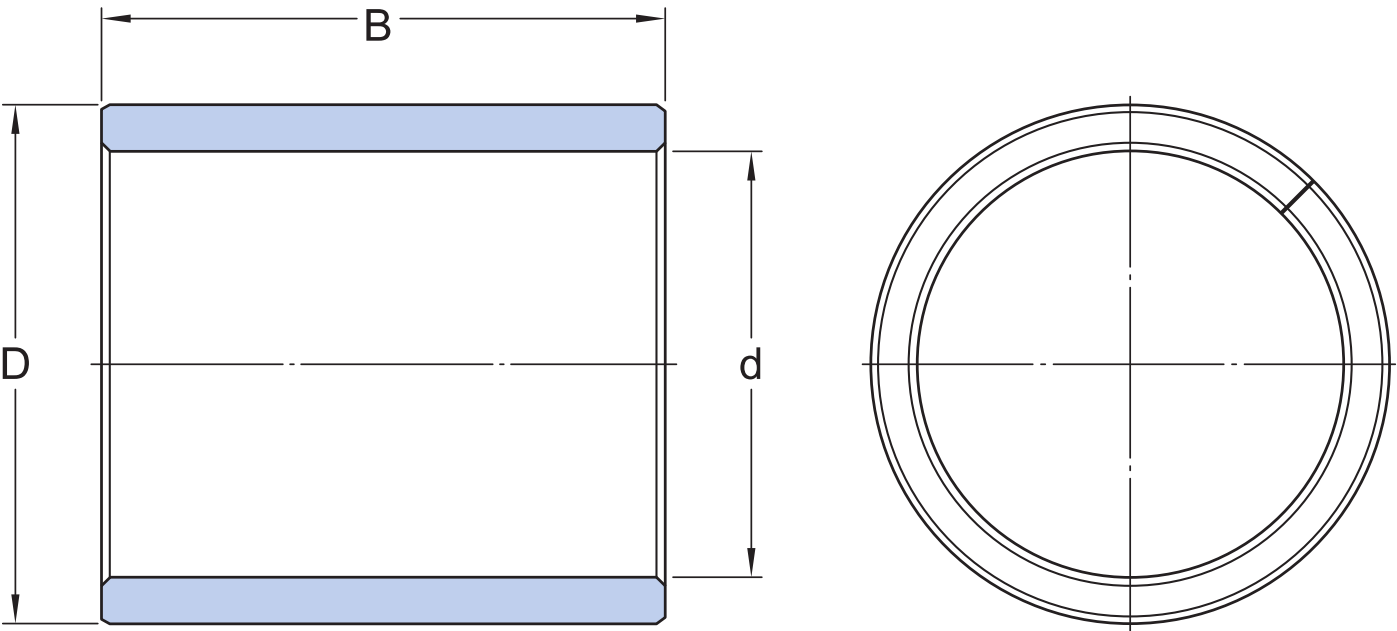
|                       |                |
|-----------------------|----------------|
| Design                | Straight       |
| Material              | Wrapped bronze |
| Relubrication feature | Without        |

Logistics

|                    |             |
|--------------------|-------------|
| Product net weight | 0.221 kg    |
| eClass code        | 23-05-01-90 |
| UNSPSC code        | 31171605    |

Technical specification

|                       |                |
|-----------------------|----------------|
| Material              | Wrapped bronze |
| Operating temperature | min. -40 °C    |
| Operating temperature | max. 150 °C    |



Dimensions

|   |       |                  |
|---|-------|------------------|
| d | 80 mm | Bore diameter    |
| D | 85 mm | Outside diameter |
| B | 40 mm | Width            |

Recommended fits

|                   |    |
|-------------------|----|
| Tolerance shaft   | f7 |
| Tolerance housing | H7 |

Calculation data

|                              |                |                       |
|------------------------------|----------------|-----------------------|
| Specific dynamic load factor | K              | 40 N/mm <sup>2</sup>  |
| Specific static load factor  | K <sub>0</sub> | 120 N/mm <sup>2</sup> |
| Permissible sliding velocity | v              | max. 1 m/s            |
| Coefficient of friction      | μ              | min. 0.08             |
| Coefficient of friction      | μ              | max. 0.15             |



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