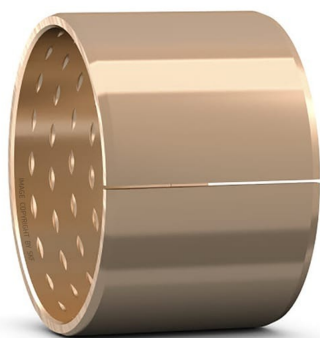


# PRM 455050 Wrapped bronze

## straight bushing

### 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	45 mm
Outside diameter	50 mm
Width	50 mm

## Properties

Design	Straight
Material	Wrapped bronze
Relubrication feature	Without

## Technical Specification

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

### Dimensions

d	45 mm	Bore diameter
D	50 mm	Outside diameter
B	50 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

### Mass

Mass bushing

0.16 kg

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