

PRM 10010550Wrapped 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	100 mm
Outside diameter	105 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	100 mm	Bore diameter
D	105 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^2
Specific static load factor	K_0	120 N/mm^2
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	0.33 kg

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