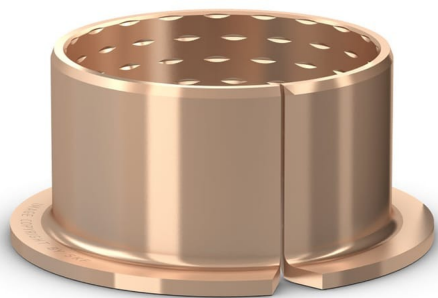


PRMF 303420 Wrapped bronze

flanged bushing

Wrapped bronze flanged bushing



SKF wrapped bronze flanged bushings are suitable for oscillating, rotating and linear movements, and can accommodate radial loads as well as axial loads in one direction. 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	30 mm
Outside diameter	34 mm
Width	20 mm
Flange diameter	45 mm
Flange thickness	2 mm

Properties

Design	Flanged
Material	Wrapped bronze
Relubrication feature	Without

Technical Specification

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

Dimensions



d	30 mm	Bore diameter
D	34 mm	Outside diameter
B	20 mm	Width
D ₁	45 mm	Outside diameter flange
B ₁	2 mm	Width flange
r	max. 2 mm	Radius flange/bushing outside diameter

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

0.041 kg

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