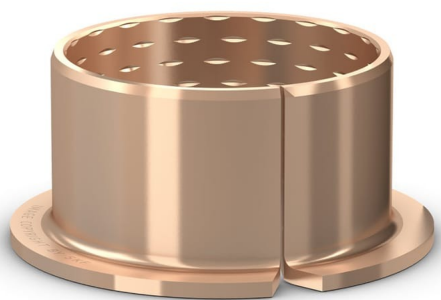


## PRMF 505550 Wrapped bronze

## 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	50 mm
Outside diameter	55 mm
Width	50 mm
Flange diameter	65 mm
Flange thickness	2.5 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	50 mm	Bore diameter
D	55 mm	Outside diameter
B	50 mm	Width
D <sub>1</sub>	65 mm	Outside diameter flange
B <sub>1</sub>	2.5 mm	Width flange
r	max. 2.5 mm	Radius flange/bushing outside diameter

## 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

0.18 kg

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