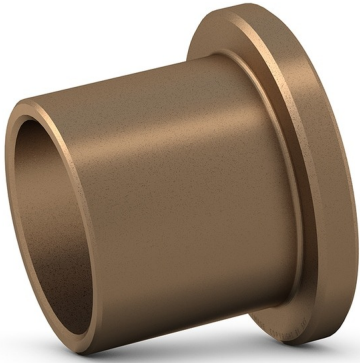


# PSMF 506035 A51 Sintered bronze flanged bushing



## Sintered bronze flanged bushing

SKF sintered bronze flanged bushings are suitable for rotating, oscillating and linear movements, and can accommodate radial loads as well as axial loads in one direction. SKF sintered bronze bushings are self-lubricating and maintenance-free. They consist of a porous bronze matrix that is impregnated with mineral oil. The oil impregnation enables very high sliding velocities and makes these bushings suitable for rotating applications.

- Maintenance-free operation
- Low coefficient of friction
- Very high sliding velocity

## Overview

### Dimensions

Bore diameter	50 mm
Outside diameter	60 mm
Width	35 mm
Flange diameter	70 mm
Flange thickness	5 mm

## Properties

Design	Flanged
Material	Sintered bronze
Relubrication feature	Without

## Technical Specification

Material	Sintered bronze
Operating temperature	min. -10 °C
Operating temperature	max. 90 °C

### Dimensions

d	50 mm	Bore diameter
D	60 mm	Outside diameter
B	35 mm	Width
D <sub>1</sub>	70 mm	Outside diameter flange
B <sub>1</sub>	5 mm	Width flange



### Recommended fits

Tolerance shaft	h8
Tolerance housing	H7

### Calculation data

Specific dynamic load factor	K	10 N/mm <sup>2</sup>
Specific static load factor	K <sub>0</sub>	20 N/mm <sup>2</sup>
Permissible sliding velocity	v	min. 0.25 m/s
Permissible sliding velocity	v	max. 5 m/s
Coefficient of friction	μ	min. 0.05
Coefficient of friction	μ	max. 0.1

## Mass

Mass bushing

0.23 kg

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