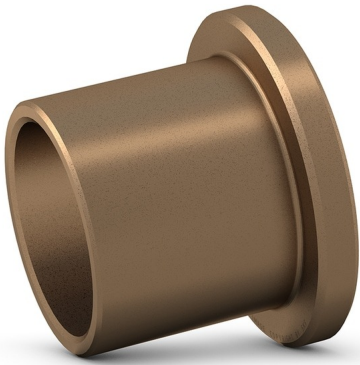


PSMF 142012 A51 Sintered bronze

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	14 mm
Outside diameter	20 mm
Width	12 mm
Flange diameter	25 mm
Flange thickness	3 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	14 mm	Bore diameter
D	20 mm	Outside diameter
B	12 mm	Width
D ₁	25 mm	Outside diameter flange
B ₁	3 mm	Width flange



Recommended fits

Tolerance shaft	h8
Tolerance housing	H7

Calculation data

Specific dynamic load factor	K	10 N/mm ²
Specific static load factor	K ₀	20 N/mm ²
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

0.017 kg

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