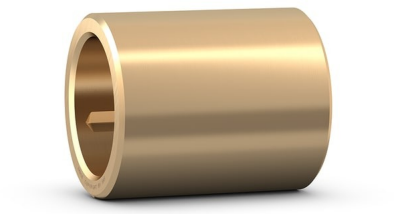
PBM 354550 M1G1Solid bronze straight bushing



Solid bronze straight bushing

SKF solid bronze straight (cylindrical) bushings are suitable for oscillating, rotating and linear movements, and can accommodate radial loads. They are designed for a wide variety of operating conditions and applications in tough environments.

- Insensitive to dirty environments
- Resistant to impact loads and vibrations at low speeds
- Operate with lower quality shaft finish
- Good corrosion resistance

Overview

Dimensions

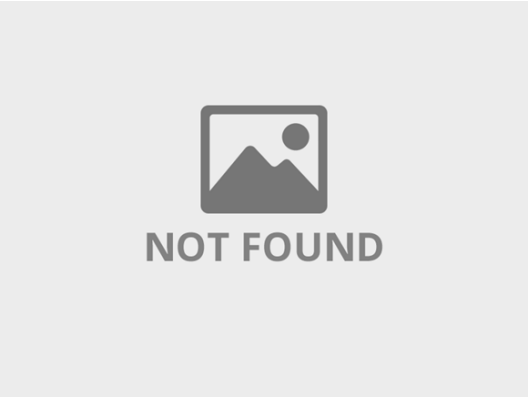
Bore diameter	35 mm
Outside diameter	45 mm
Width	50 mm

Properties

Design	Straight
Material	Solid bronze
Relubrication feature	With

Technical Specification

Material	Solid bronze
Operating temperature	min. -40 °C
Operating temperature	max. 250 °C



Dimensions

d	35 mm	Bore diameter
D	45 mm	Outside diameter
B	50 mm	Width
a	3 mm	Distance side face - axial lubrication groove
h	36 mm	Distance bottom axial lubrication groove - opposite bore diameter
α	124 °	Aperture angle axial lubrication groove

Recommended fits

Tolerance shaft	e7
Tolerance housing	H7

Calculation data

Specific dynamic load factor	K	25 N/mm²
Specific static load factor	K_0	45 N/mm²
Permissible sliding velocity	v	max. 0.5 m/s
Coefficient of friction	μ	min. 0.08
Coefficient of friction	μ	max. 0.15

Mass

Mass bushing	0.28 kg

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