

Image may differ from product. See technical specification for details.

## PSM 354540 A51

### Sintered bronze straight bushing

SKF sintered bronze straight (cylindrical) bushings are suitable for rotating, oscillating and linear movements, and can accommodate radial loads. 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	35 mm
Outside diameter	45 mm
Width	40 mm

Properties

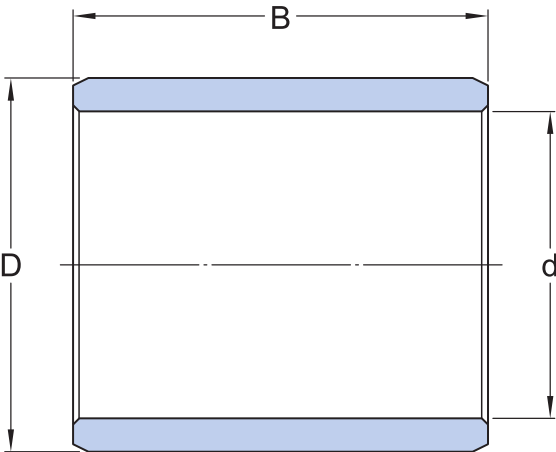
Design	Straight
Material	Sintered bronze
Relubrication feature	Without

Logistics

Product net weight	0.156 kg
eClass code	23-05-01-90
UNSPSC code	31171605

Technical specification

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



Dimensions

d	35 mm	Bore diameter
D	45 mm	Outside diameter
B	40 mm	Width

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

## Tolerances and clearances

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### BUSHING DATA

- [Tolerances](#)
- [Operating clearance](#)

## DESIGN OF BUSHING ARRANGEMENTS

- [Shaft and housing tolerances](#)

More Information

<div> Product details</div> <div><a href="#">Designs and variants</a></div> <div><a href="#">Bushing data</a></div> <div><a href="#">Design of bushing arrangements</a></div> <div><a href="#">Designation system</a></div>	<div> Engineering information</div> <div><a href="#">Principles of selection</a></div>	<div> Tools</div> <div><a href="#">SKF Product select</a></div>
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