

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

PRMF 606560

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	60 mm
Outside diameter	65 mm
Width	60 mm
Flange diameter	75 mm
Flange thickness	2.5 mm

Performance

Basic dynamic load rating, radial direction	132 kN
Basic static load rating, radial direction	390 kN
Basic dynamic load rating, axial direction	33.5 kN
Basic static load rating, axial direction	100 kN

Properties

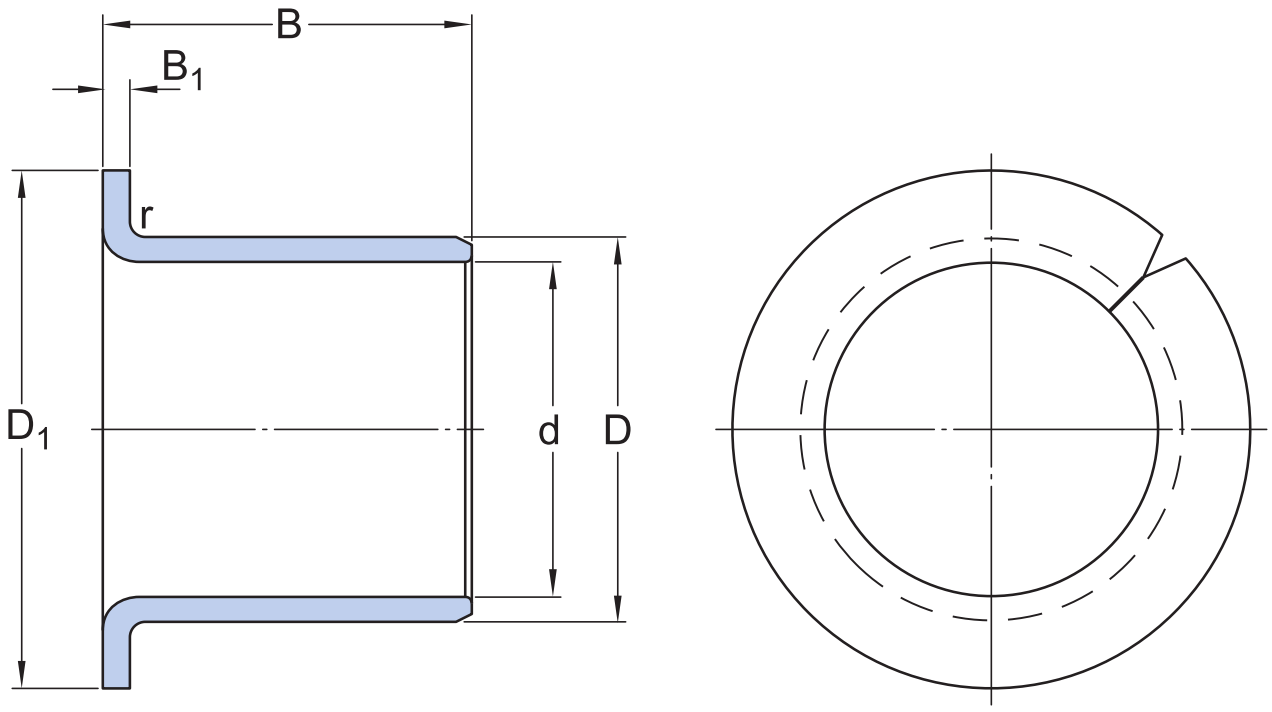
Design	Flanged
Material	Wrapped bronze
Relubrication feature	Without

Logistics

Product net weight	0.26 kg
eClass code	23-05-01-90
UNSPSC code	31171605

Technical specification

Material	Wrapped bronze
Operating temperature	min. -40 °C
Operating temperature	max. 150 °C



Dimensions

d	60 mm	Bore diameter
D	65 mm	Outside diameter
B	60 mm	Width
D_1	75 mm	Outside diameter flange
B_1	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

Basic dynamic load rating, radial direction	C	132 kN
Basic static load rating, radial direction	C_0	390 kN
Basic dynamic load rating, axial direction	C_a	33.5 kN
Basic static load rating, axial direction	C_{0a}	100 kN
Specific dynamic load factor	K	40 N/mm^2
Specific static load factor	K_0	120 N/mm^2
Permissible sliding velocity	v	max. 1 m/s
Coefficient of friction	μ	min. 0.08
Coefficient of friction	μ	max. 0.15

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