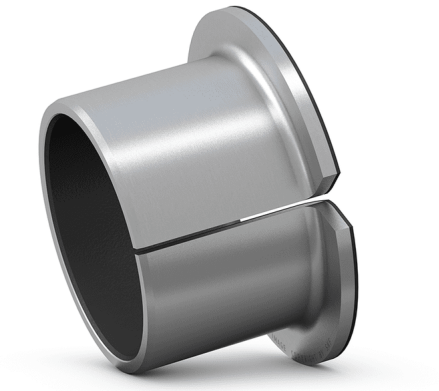


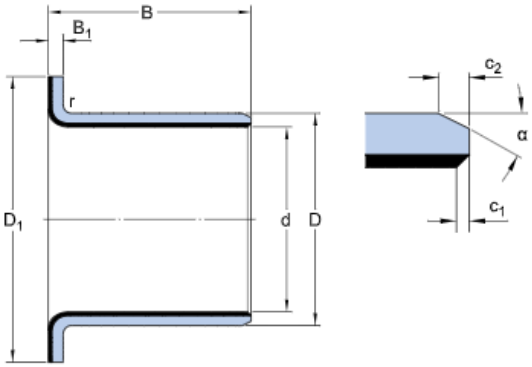
PCMF 252816.5 E

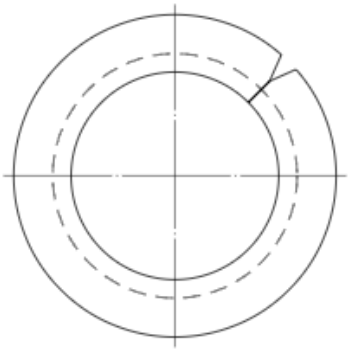
Bushings

Bushing data
Tolerances,
Operating clearance

Design of bushing arrangements
Shaft and housing tolerances

Technical specification





DIMENSIONS

d	25 mm
D	28 mm
B	16.5 mm
	35 mm
	1.5 mm
	min. 0.1 mm
	max. 0.7 mm
	min. 0.2 mm
	max. 1 mm
α	±8 20 °
r	max. 1.5 mm

RECOMMENDED FITS

Tolerance shaft	f7
Tolerance housing	H7

CALCULATION DATA

Basic dynamic load rating - radial direction	C	28 kN
Basic static load rating - radial direction		85 kN
Basic dynamic load rating - axial direction		20.4 kN
Basic static load rating - axial direction		64 kN
Specific dynamic load factor	K	80 N/mm
Specific static load factor		250 N/mm
Factor depending on material and bearing type		480
Permissible sliding velocity	v	min. m/s
Permissible sliding velocity	v	max. 2 m/s
Coefficient of friction	μ	min. 0.03
Coefficient of friction	μ	max. 0.25

MASS

Mass bushing	0.019 kg

More information

Product details

- Designs and variants
- Bushing data
- Design of bushing arrangements
- Designation system

Engineering information

- Principles of selection and application

Tools

- SKF Bearing Calculator

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