

PCMF 081009.5 E

Bushings

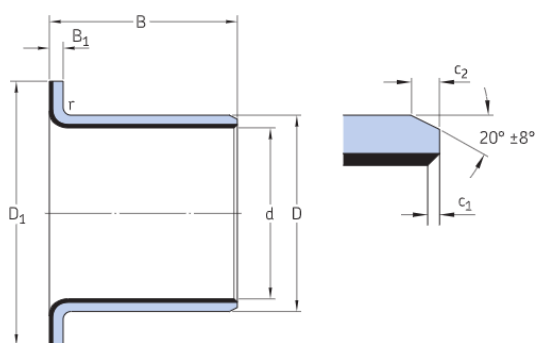
Bushing data
[Tolerances,](#)
[Operating clearance](#)

Design of bushing
 arrangements
[Shaft and housing tolerances](#)

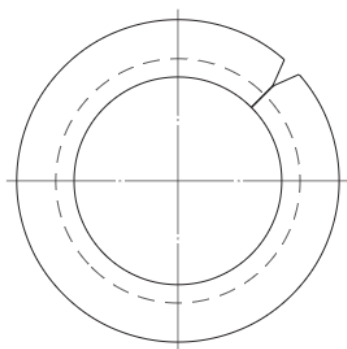
Technical specification

Material	PTFE composite
Operating temperature	min. -200 °C
Operating temperature	max. 250 °C

DIMENSIONS



d	8 mm	Bore diameter
D	10 mm	Outside diameter
B	9.5 mm	Width
D ₁	15 mm	Outside diameter flange
B ₁	1 mm	Width flange
c ₁	min. 0.1 mm	Length chamfer bore - axial direction
c ₁	max. 0.6 mm	Length chamfer bore - axial direction
c ₂	min. 0.2 mm	Length chamfer outside diameter - axial direction
c ₂	max. 1 mm	Length chamfer outside diameter - axial direction
r	max. 1 mm	Radius flange/bushing outside diameter



RECOMMENDED FITS

Tolerance shaft	f7
Tolerance housing	H7

CALCULATION DATA

Basic dynamic load rating - radial direction	C	4.8 kN
Basic static load rating - radial direction	C ₀	15 kN
Basic dynamic load rating - axial direction	C _a	5.1 kN
Basic static load rating - axial direction	C _{0a}	16 kN
Specific dynamic load factor	K	80 N/mm
Specific static load factor	K ₀	250 N/mm
Factor depending on material and bearing type	K _M	480
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	0.003 kg
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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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