

PCMF 101217 E

Bushings

Bushing data

[Tolerances,](#)

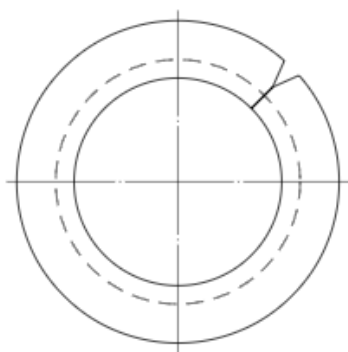
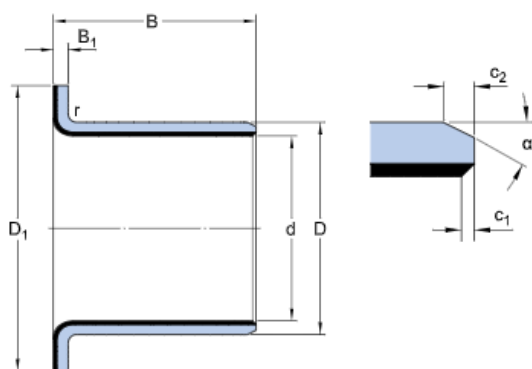
[Operating clearance](#)

Design of bushing

[arrangements](#)

[Shaft and housing tolerances](#)

Technical specification



DIMENSIONS

d	10 mm
D	12 mm
B	17 mm
D_1	18 mm
B_1	1 mm
c_1	min. 0.1 mm
c_1	max. 0.6 mm
c_2	min. 0.2 mm
c_2	max. 1 mm
α	$\pm 8 \text{ } 20^\circ$
r	max. 1 mm

RECOMMENDED FITS

Tolerance shaft	f7
Tolerance housing	H7

CALCULATION DATA

Basic dynamic load rating - radial direction	C	12 kN
Basic static load rating - radial direction	C ₀	37.5 kN
Basic dynamic load rating - axial direction	C _a	8 kN
Basic static load rating - axial direction	C _{0a}	25 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	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	0.006 kg
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More information

<p>Product details</p> <p>Designs and variants</p> <hr/> <p>Bushing data</p> <hr/> <p>Design of bushing arrangements</p> <hr/> <p>Designation system</p> <hr/>	<p>Engineering information</p> <p>Principles of selection and application</p> <hr/>	<p>Tools</p> <p>SKF Bearing Calculator</p> <hr/>
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