

PCM 182020 M Bushings

Bushings

Bushing data

[Tolerances,](#)

[Operating clearance](#)

Design of bushing

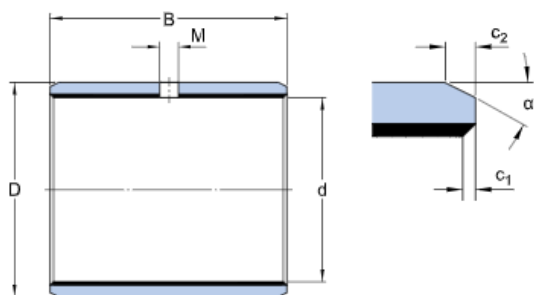
[arrangements](#)

[Shaft and housing tolerances](#)

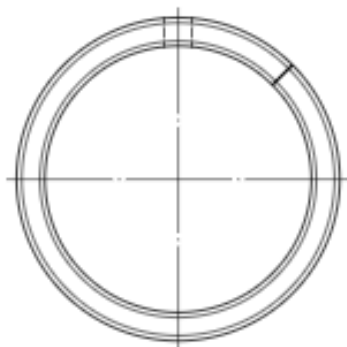
Technical specification

Material	POM composite
Operating temperature	min. -40 °C
Operating temperature	max. 110 °C

DIMENSIONS



d	18 mm
D	20 mm
B	20 mm
M	3 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	(±8°) 20 °



RECOMMENDED FITS

Tolerance shaft	h8
Tolerance housing	H7

CALCULATION DATA

Basic dynamic load rating - radial direction	C	43 kN
Basic static load rating - radial direction	C ₀	90 kN
Specific dynamic load factor	K	120 N/mm
Specific static load factor	K ₀	250 N/mm
Factor depending on material and bearing type	K _M	1 900
Permissible sliding velocity	v	max. 2.5 m/s
Coefficient of friction	μ	min. 0.02
Coefficient of friction	μ	max. 0.2

MASS

Mass bushing	0.007 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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