

PCM 182020 M Bushings

Bushings

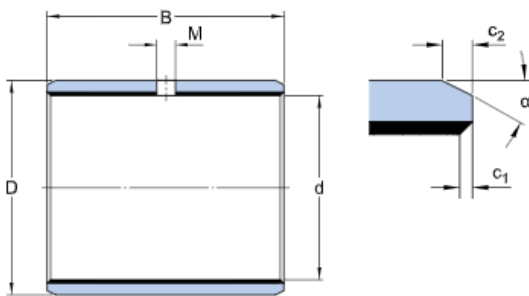
Bushing data
[Tolerances,](#)
[Operating clearance](#)

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

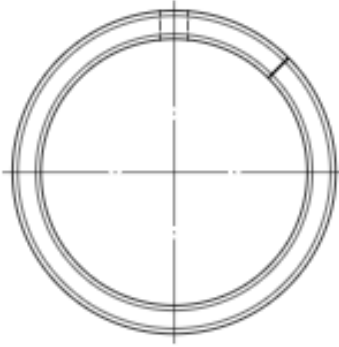
Technical specification

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

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

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