

PCM 16016580 M

Bushings

Bushing data

[Tolerances,](#)

[Operating clearance](#)

Design of bushing

[arrangements](#)

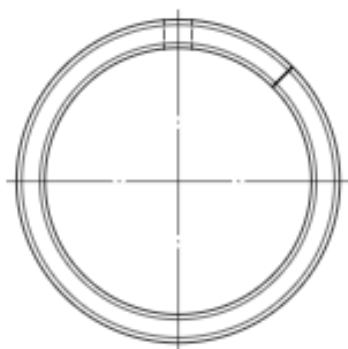
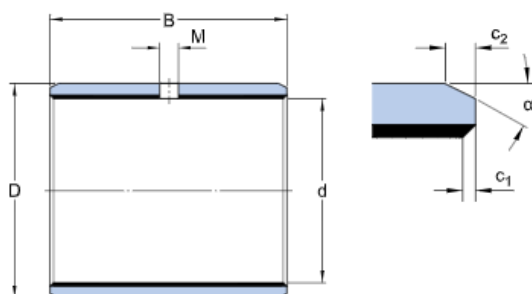
[Shaft and housing tolerances](#)

Technical specification

Material

POM composite

DIMENSIONS



d	160 mm
D	165 mm
B	80 mm
M	8 mm
c ₁	min. 0.2 mm
c ₁	max. 1 mm
c ₂	min. 1.2 mm
c ₂	max. 2.4 mm
α	±8 20 °

RECOMMENDED FITS

Tolerance shaft	h8
Tolerance housing	H7

CALCULATION DATA

Basic dynamic load rating - radial direction	C	1 500 kN
Basic static load rating - radial direction	C ₀	3 150 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	min. m/s
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	0.71 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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