



PCM 303430 E Bushings

Bushings

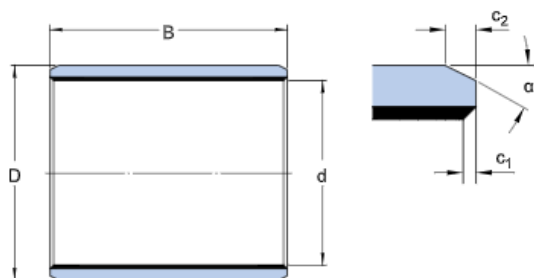
Bushing data
[Tolerances,](#)
[Operating clearance](#)

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

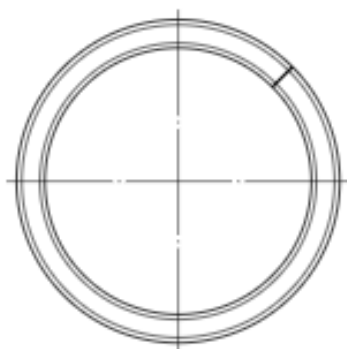
Technical specification

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

DIMENSIONS



d	30 mm
D	34 mm
B	30 mm
c ₁	min. 0.1 mm
c ₁	max. 0.7 mm
c ₂	min. 0.8 mm
c ₂	max. 1.6 mm
α	(±8°) 20 °



RECOMMENDED FITS

Tolerance shaft	f7
Tolerance housing	H7

CALCULATION DATA

Basic dynamic load rating - radial direction	C	69.5 kN
Basic static load rating - radial direction	C ₀	220 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	0.045 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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