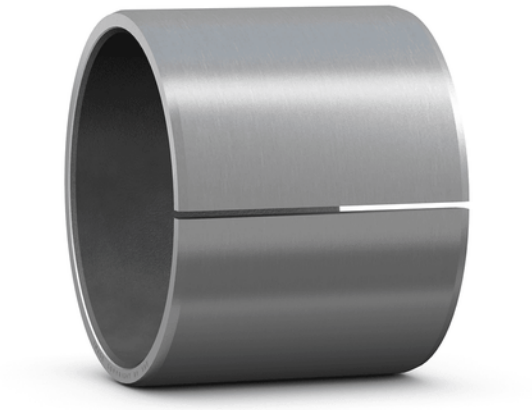


PCM 161825 E

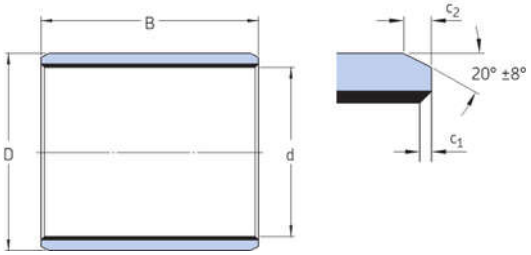
Bushings

Bushing data
Tolerances,
Operating clearance

Design of bushing arrangements
Shaft and housing tolerances

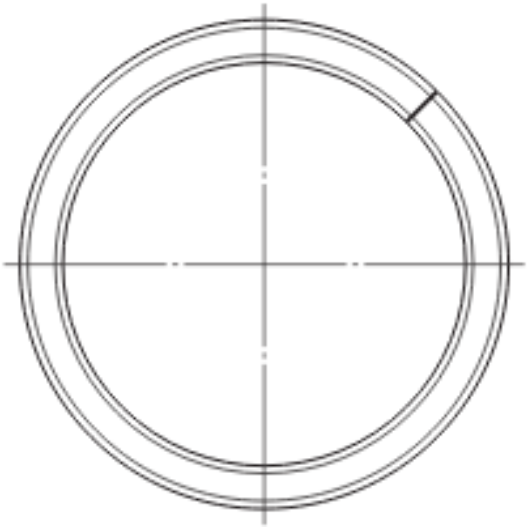
Technical specification

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



DIMENSIONS

d	16 mm	Bore diameter
D	18 mm	Outside diameter
B	25 mm	Width
c1	min.0.1 mm	Length chamfer bore - axial direction
c1	max.0.6 mm	Length chamfer bore - axial direction
c2	min.0.2 mm	Length chamfer outside diameter - axial direction
c2	max.1 mm	Length chamfer outside diameter - axial direction



RECOMMENDED FITS

Tolerance shaft	f7
Tolerance housing	H7

CALCULATION DATA

Basic dynamic load rating - radial direction	C	32 kN
Basic static load rating - radial direction	C0	100 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	KM	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	0.01 kg

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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