

# PCMF 202311.5 E

## Bushings

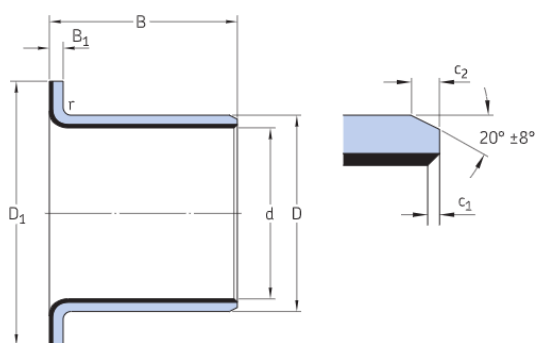
Bushing data  
[Tolerances,](#)  
[Operating clearance](#)

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

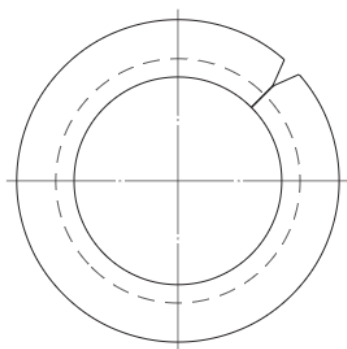
## Technical specification

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

## DIMENSIONS



d	20 mm	Bore diameter
D	23 mm	Outside diameter
B	11.5 mm	Width
$D_1$	30 mm	Outside diameter flange
$B_1$	1.5 mm	Width flange
$c_1$	min. 0.1 mm	Length chamfer bore - axial direction
$c_1$	max. 0.7 mm	Length chamfer bore - axial direction
$c_2$	min. 0.2 mm	Length chamfer outside diameter - axial direction
$c_2$	max. 1 mm	Length chamfer outside diameter - axial direction
r	max. 1.5 mm	Radius flange/bushing outside diameter



## RECOMMENDED FITS

Tolerance shaft	f7
Tolerance housing	H7

## CALCULATION DATA

Basic dynamic load rating - radial direction	C	14.3 kN
Basic static load rating - radial direction	C <sub>0</sub>	45 kN
Basic dynamic load rating - axial direction	C <sub>a</sub>	17.3 kN
Basic static load rating - axial direction	C <sub>0a</sub>	54 kN
Specific dynamic load factor	K	80 N/mm
Specific static load factor	K <sub>0</sub>	250 N/mm
Factor depending on material and bearing type	K <sub>M</sub>	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	0.011 kg
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## More information

## Product details

[Designs and variants](#)

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[Bushing data](#)

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[Design of bushing  
arrangements](#)

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[Designation system](#)

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## Engineering information

[Principles of selection and  
application](#)

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## Tools

[SKF Bearing Calculator](#)

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