

# PCMF 161812 E Bushings

## Bushings

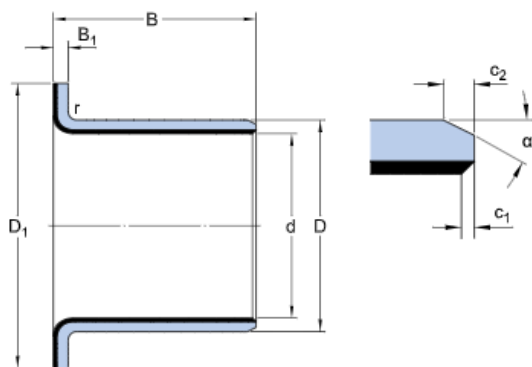
Bushing data  
[Tolerances,](#)  
[Operating clearance](#)

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

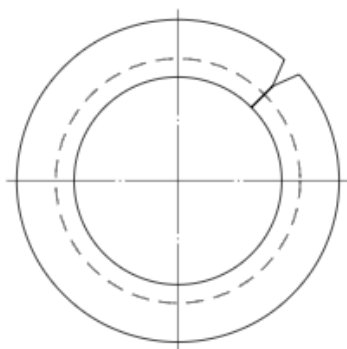
## Technical specification

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

## DIMENSIONS



d	16 mm
D	18 mm
B	12 mm
D <sub>1</sub>	24 mm
B <sub>1</sub>	1 mm
c <sub>1</sub>	min. 0.1 mm
c <sub>1</sub>	max. 0.6 mm
c <sub>2</sub>	min. 0.2 mm
c <sub>2</sub>	max. 1 mm
α	(±8°) 20 °
r	max. 1 mm



## RECOMMENDED FITS

Tolerance shaft	f7
Tolerance housing	H7

## CALCULATION DATA

Basic dynamic load rating - radial direction	C	12.2 kN
Basic static load rating - radial direction	C <sub>0</sub>	38 kN
Basic dynamic load rating - axial direction	C <sub>a</sub>	8.5 kN
Basic static load rating - axial direction	C <sub>0a</sub>	26.5 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	0.006 kg
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## More information

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