

# PCMF 081005.5 E

## Bushings

Bushing data

[Tolerances,](#)

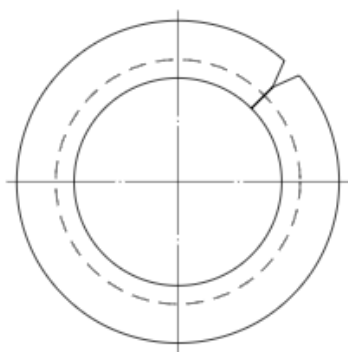
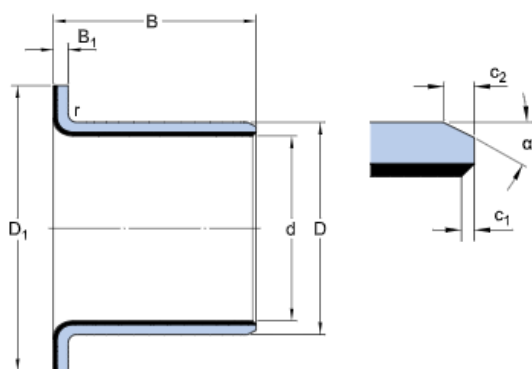
[Operating clearance](#)

Design of bushing

[arrangements](#)

[Shaft and housing tolerances](#)

## Technical specification



## DIMENSIONS

d	8 mm
D	10 mm
B	5.5 mm
D <sub>1</sub>	15 mm
B <sub>1</sub>	1 mm
c <sub>1</sub>	min. 0.1 mm
c <sub>1</sub>	max. 0.7 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	2.24 kN
Basic static load rating - radial direction	C <sub>0</sub>	6.95 kN
Basic dynamic load rating - axial direction	C <sub>a</sub>	5.1 kN
Basic static load rating - axial direction	C <sub>0a</sub>	16 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	min. m/s
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	0.002 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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