

# PCMF 161812 E

## Bushings

Bushing data

[Tolerances,](#)

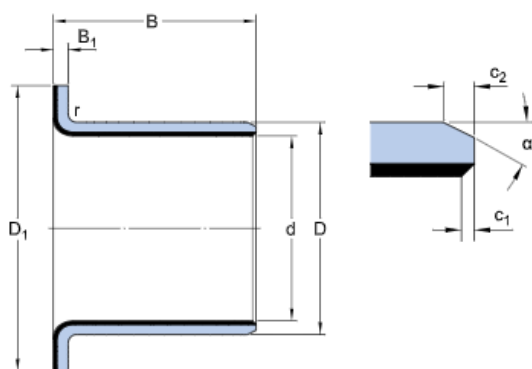
[Operating clearance](#)

Design of bushing

[arrangements](#)

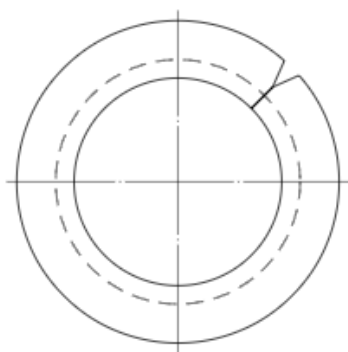
[Shaft and housing tolerances](#)

## Technical specification



## DIMENSIONS

$d$	16 mm
$D$	18 mm
$B$	12 mm
$D_1$	24 mm
$B_1$	1 mm
$c_1$	min. 0.1 mm
$c_1$	max. 0.6 mm
$c_2$	min. 0.2 mm
$c_2$	max. 1 mm
$\alpha$	$\pm 8 \text{ } 20^\circ$
$r$	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	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	0.006 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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