

# PCM 252825 E Bushings

## Bushings

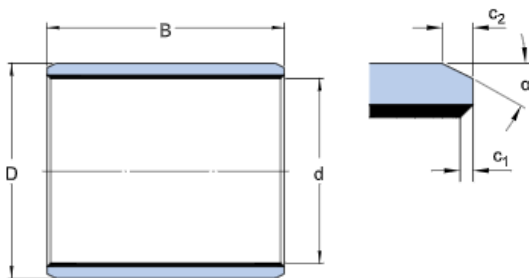
Bushing data  
[Tolerances,](#)  
[Operating clearance](#)

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

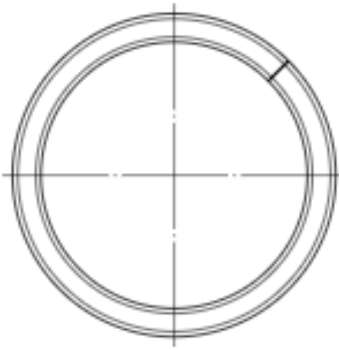
## Technical specification

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

## DIMENSIONS



d	25 mm
D	28 mm
B	25 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 °



## RECOMMENDED FITS

Tolerance shaft	f7
Tolerance housing	H7

## CALCULATION DATA

Basic dynamic load rating - radial direction	C	48 kN
Basic static load rating - radial direction	$C_0$	150 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	$K_M$	480
Permissible sliding velocity	v	max. 2 m/s
Coefficient of friction	$\mu$	min. 0.03
Coefficient of friction	$\mu$	max. 0.25

## MASS

Mass bushing	0.023 kg
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## More information

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

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