

# PCMW 183201.5 EPTFE composite

## thrust washer

### PTFE composite thrust washer



SKF PTFE composite thrust washers are suitable for rotating and oscillating movements, and can accommodate heavy axial loads. They have as standard a hole to take a pin or screw to prevent the washers from rotating on their seat. The material provides good heat dissipation, therefore enabling relatively high sliding velocities.

- Maintenance-free operation
- Cost-effective with long service life
- High operating temperatures
- High load carrying capacity
- High sliding velocity

## Overview

### Dimensions

Bore diameter	18 mm
Outside diameter	32 mm
Height	1.5 mm

### Performance

Basic dynamic load rating	44 kN
Basic static load rating	137 kN

### Properties

Material	PTFE composite
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## Technical Specification

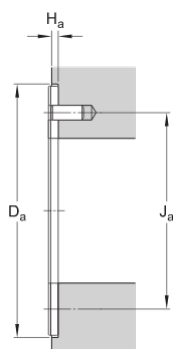


### Dimensions

d	18 mm	Bore diameter
D	32 mm	Outside diameter
H	1.5 mm	Thickness
J	25 mm	Pitch diameter of attachment bolt holes
K	2.25 mm	Diameter fixing bore

### Abutment dimensions

$D_a$	32 mm	Bore diameter housing
$J_a$	25 mm	Pitch diameter housing
$H_a$	1 mm	Depth housing bore



## Calculation data

Basic dynamic load rating	C	44 kN
Basic static load rating	$C_0$	137 kN
Specific dynamic load factor	K	80 N/mm <sup>2</sup>
Specific static load factor	$K_0$	250 N/mm <sup>2</sup>
Factor depending on material and bearing type	$K_M$	300
Permissible sliding velocity	v	max. 2 m/s
Permissible sliding velocity	v	min. 0 m/s
Coefficient of friction	$\mu$	max. 0.25

Coefficient of friction	$\mu$	min. 0.03
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## Mass

Mass thrust washer		0.006 kg
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