

# PCMW 325401.5 MPOM composite thrust washer

## POM composite thrust washer



SKF POM 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. After an initial grease fill, they are optimized for minimal maintenance under tough operating conditions. Pockets in the sliding surface serve as grease reservoirs. Relubrication can extend bearing service life considerably.

- Cost-effective with long service life
- Very good frictional properties
- High load carrying capacity
- High sliding velocity

## Overview

### Dimensions

Bore diameter	32 mm
Outside diameter	54 mm
Height	1.5 mm

## Performance

Basic dynamic load rating	176 kN
Basic static load rating	365 kN

## Properties

Material	POM composite
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## Technical Specification

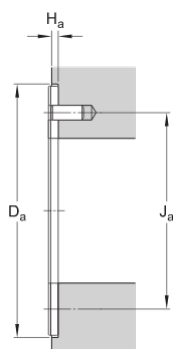


### Dimensions

d	32 mm	Bore diameter
D	54 mm	Outside diameter
H	1.5 mm	Thickness
J	43 mm	Pitch diameter of attachment bolt holes
K	4.25 mm	Diameter fixing bore

### Abutment dimensions

$D_a$	54 mm	Bore diameter housing
$J_a$	43 mm	Pitch diameter housing
$H_a$	1 mm	Depth housing bore



## Calculation data

Basic dynamic load rating	C	176 kN
Basic static load rating	$C_0$	365 kN
Specific dynamic load factor	K	120 N/mm <sup>2</sup>
Specific static load factor	$K_0$	250 N/mm <sup>2</sup>
Factor depending on material and bearing type	$K_M$	1 900
Permissible sliding velocity	v	max. 2.5 m/s
Permissible sliding velocity	v	min. 0 m/s
Coefficient of friction	$\mu$	max. 0.2

Coefficient of friction	$\mu$	min. 0.02
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## Mass

Mass thrust washer	0.014 kg
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