

PCMW 487402 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	48 mm
Outside diameter	74 mm
Height	2 mm

Performance

Basic dynamic load rating	200 kN
Basic static load rating	620 kN

Properties

Material	PTFE composite
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Technical Specification

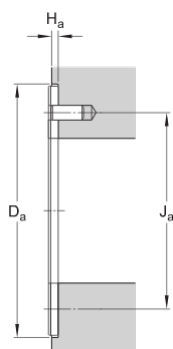


Dimensions

d	48 mm	Bore diameter
D	74 mm	Outside diameter
H	2 mm	Thickness
J	61 mm	Pitch diameter of attachment bolt holes
K	4.25 mm	Diameter fixing bore

Abutment dimensions

D_a	74 mm	Bore diameter housing
J_a	61 mm	Pitch diameter housing
H_a	1.5 mm	Depth housing bore



Calculation data

Basic dynamic load rating	C	200 kN
Basic static load rating	C_0	620 kN
Specific dynamic load factor	K	80 N/mm ²
Specific static load factor	K_0	250 N/mm ²
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	μ	max. 0.25

Coefficient of friction	μ	min. 0.03
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Mass

Mass thrust washer		0.037 kg
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