

PCMW 527802 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	52 mm
Outside diameter	78 mm
Height	2 mm

Performance

Basic dynamic load rating	208 kN
Basic static load rating	655 kN

Properties

Material	PTFE composite
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Technical Specification

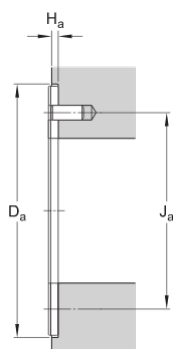


Dimensions

d	52 mm	Bore diameter
D	78 mm	Outside diameter
H	2 mm	Thickness
J	65 mm	Pitch diameter of attachment bolt holes
K	4.25 mm	Diameter fixing bore

Abutment dimensions

D_a	78 mm	Bore diameter housing
J_a	65 mm	Pitch diameter housing
H_a	1.5 mm	Depth housing bore



Calculation data

Basic dynamic load rating	C	208 kN
Basic static load rating	C_0	655 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		0.039 kg
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