

PPMF 121412PTFE polyamide flanged bushing

PTFE polyamide flanged bushing

SKF PTFE polyamide flanged bushings are suitable for oscillating, rotating and linear movements, and can accommodate radial loads as well as axial loads in one direction. They provide a cost-effective, self-lubricating solution, and are designed for dry sliding operations. Despite their thin-walled design, they are wear-resistant and can accommodate moderate loads. Their compact design provides good heat dissipation, therefore enabling relatively high sliding velocities.

- Maintenance-free operation
- Cost-effective
- Excellent corrosion resistance
- Electrically insulating

Overview

Dimensions

Bore diameter	12 mm
Outside diameter	14 mm
Width	12 mm
Flange diameter	20 mm
Flange thickness	1 mm

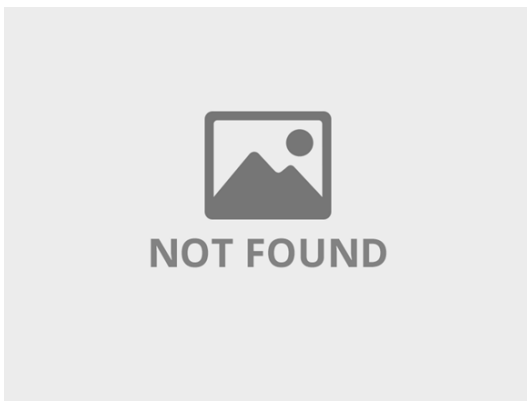
Properties

Design	Flanged
Material	PTFE polyamide
Relubrication feature	Without

Technical Specification

Material	PTFE polyamide
Operating temperature	min. -30 °C
Operating temperature	max. 110 °C

Dimensions



d	12 mm	Bore diameter
D	14 mm	Outside diameter
B	12 mm	Width
D ₁	20 mm	Outside diameter flange
B ₁	1 mm	Width flange

Recommended fits

Tolerance shaft	h9
Tolerance housing	H7

Calculation data

Specific dynamic load factor	K	40 N/mm ²
Specific static load factor	K ₀	80 N/mm ²
Permissible sliding velocity	v	max. 1 m/s
Coefficient of friction	μ	min. 0.06
Coefficient of friction	μ	max. 0.15

Mass

Mass bushing

0.000975 kg

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