



SKF PCM 252815 E

PTFE composite straight bushing

SKF PTFE composite straight (cylindrical) bushings are suitable for oscillating, rotating and linear movements, and can accommodate radial loads. Despite their thin-walled design, they can accommodate heavy loads. They also provide good heat dissipation, therefore enabling relatively high sliding velocities.

Technical specifications

General	
Material	PTFE composite
Operating temperature	-200 °C
Operating temperature	250 °C

Dimensions	
Bore diameter	25 mm
Outside diameter	28 mm
Width	15 mm
Length chamfer bore - axial direction	0.1 mm
Length chamfer bore - axial direction	0.7 mm
Length chamfer outside diameter - axial direction	0.2 mm
Length chamfer outside diameter - axial direction	1 mm

Recommended fits	
Tolerance shaft	f7
Tolerance housing	H7

Calculation data	
Basic dynamic load rating, radial direction	28.5 kN
Basic static load rating, radial direction	88 kN
Specific dynamic load factor	80 N/mm ²
Specific static load factor	250 N/mm ²
Factor depending on material and bearing type	480
Permissible sliding velocity	2 m/s
Coefficient of friction	0.03
Coefficient of friction	0.25

Performance	
Basic dynamic load rating	28.5 kN
Basic static load rating	88 kN

Properties	
Design	Straight
Material	PTFE composite
Relubrication feature	Without

Logistics	
Product net weight	0.0137 kg
eClass code	23-05-01-90
UNSPSC code	31171605

SKF drawings

