



SKF PCM 121415 M

POM composite straight bushing

SKF POM composite straight (cylindrical) bushings are suitable for oscillating, rotating and linear movements, and can accommodate radial loads. After 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. Despite their compact design, they can accommodate heavy loads.

Technical specifications

General	
Material	POM composite
Operating temperature	-40 °C
Operating temperature	110 °C

Dimensions	
Bore diameter	12 mm
Outside diameter	14 mm
Width	15 mm
Diameter lubrication hole	3 mm
Length chamfer bore - axial direction	0.1 mm
Length chamfer bore - axial direction	0.6 mm
Length chamfer outside diameter - axial direction	0.2 mm
Length chamfer outside diameter - axial direction	1 mm

Recommended fits	
Tolerance shaft	h8
Tolerance housing	H7

Calculation data	
Basic dynamic load rating, radial direction	21.6 kN
Basic static load rating, radial direction	45 kN
Specific dynamic load factor	120 N/mm ²
Specific static load factor	250 N/mm ²
Factor depending on material and bearing type	1900
Permissible sliding velocity	2.5 m/s
Coefficient of friction	0.02
Coefficient of friction	0.2

Performance	
Basic dynamic load rating	21.6 kN
Basic static load rating	45 kN

Properties	
Design	Straight
Material	POM composite
Relubrication feature	With

Logistics	
Product net weight	0.003 kg
eClass code	23-05-01-90
UNSPSC code	31171605

SKF drawings

