



SKF PWM 455360

Filament wound straight bushing

SKF filament wound straight (cylindrical) bushings are suitable for oscillating, rotating and linear movements, and can accommodate radial loads. The composite material is specially developed to accommodate heavy loads, impact loads and vibrations. The bushings are also less sensitive to misalignment and have excellent dry sliding characteristics.

Technical specifications

General	
Material	Filament wound
Operating temperature	-50 °C
Operating temperature	140 °C
Dimensions	
Bore diameter	45 mm
Outside diameter	53 mm
Width	60 mm
Recommended fits	
Tolerance shaft	h8
Tolerance housing	H7
Calculation data	
Basic dynamic load rating, radial direction	375 kN
Basic static load rating, radial direction	540 kN
Specific dynamic load factor	140 N/mm ²
Specific static load factor	200 N/mm ²
Effective load carrying cross section	2610 mm ²
Permissible sliding velocity	0.5 m/s
Coefficient of friction	0.03
Coefficient of friction	0.08
Performance	
Basic dynamic load rating	375 kN
Basic static load rating	540 kN
Properties	
Design	Straight
Material	Filament wound
Relubrication feature	Without
Logistics	
Product net weight	0.062 kg
eClass code	23-05-01-91
UNSPSC code	31171605

SKF drawings