SAKB 14 FRod end, maintenance-free, male thread

Rod end, maintenance-free, male thread

These SKF rod ends have an injection moulded sliding layer of PTFE FRP between the housing and the inner ring. This sliding contact surface combination is maintenance-free. The male thread is available with a left- (prefix SAL) or right-hand thread.

- Long service life
- Maintenance-free
- Relatively insensitive to contaminants
- Low coefficient of friction
- Simple and ready-to-mount

Overview

Dimensions

Bore diameter, bearing inner ring	14 mm
Outside diameter, housing eye	37 mm
Width, bearing inner ring	19 mm
Thread designation	M 14
Width, housing eye	14.5 mm
Centre height, housing (from end of shank)	60 mm
Housing length, total	80 mm

Performance

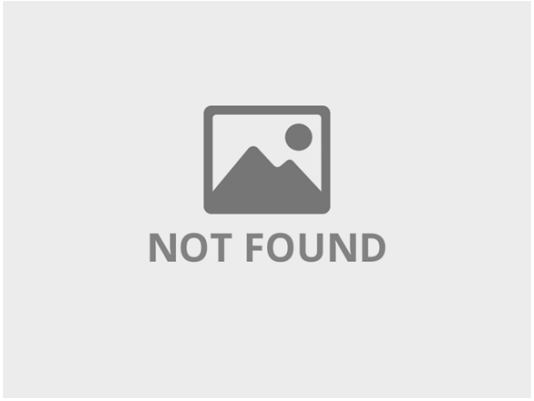
Basic dynamic load rating	17 kN
Basic static load rating	25.5 kN

Properties

Sliding contact surface combination	Steel/PTFE FRP
Material, housing	Steel
Material, inner ring	Bearing steel
Maintenance	Maintenance-free
Attachment feature, rod end shank	Right-hand male thread
Sealing	Without

Technical Specification

Maintenance	Maintenance-free
Sliding contact surface combination	Steel/PTFE FRP
Material, inner ring	Bearing steel
Sealing	Without
Attachment feature, rod end shank	Right-hand male thread



Dimensions

d	14 mm	Bore diameter
d_2	max. 37 mm	Diameter head
B	19 mm	Width inner ring
G	M 14	Thread
C_1	max. 14.5 mm	Width head
h	60 mm	Height shank end face - centre rod end eye
α	16 °	Angle of tilt
d_k	25.4 mm	Raceway diameter inner ring
l_1	min. 36 mm	Length threat
l_2	max. 80 mm	Length (height) housing
l_7	min. 18 mm	Distance shank chamfer - centre rod end eye
r_1	min. 0.3 mm	Chamfer dimension bore

Calculation data

Basic dynamic load rating	C	17 kN
Basic static load rating	C_0	25.5 kN

Specific dynamic load factor	K	50 N/mm²
Material constant	K_M	530

Mass

Mass rod end	0.13 kg

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