



SAKB 18 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	18 mm
Outside diameter, housing eye	47 mm
Width, bearing inner ring	23 mm
Thread designation	M 18x1.5
Width, housing eye	17.5 mm
Centre height, housing (from end of shank)	72 mm
Housing length, total	97 mm

Performance

Basic dynamic load rating	26 kN
Basic static load rating	41.5 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	18 mm	Bore diameter
d ₂	max. 47 mm	Diameter head
B	23 mm	Width inner ring
G	M 18x1.5	Thread
C ₁	max. 17.5 mm	Width head
h	72 mm	Height shank end face - centre rod end eye
α	16 °	Angle of tilt
d _k	31.75 mm	Raceway diameter inner ring
l ₁	min. 41 mm	Length thread
l ₂	max. 97 mm	Length (height) housing
l ₇	min. 23 mm	Distance shank chamfer - centre rod end eye
r ₁	min. 0.3 mm	Chamfer dimension bore

Calculation data

Basic dynamic load rating	C	26 kN
Basic static load rating	C ₀	41.5 kN
Specific dynamic load factor	K	50 N/mm ²

Material constant

K_M

530

Mass

Mass rod end

0.26 kg

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