



SILKAC 18 MRod end, requires maintenance, female thread

Rod end, requires maintenance, female thread

These SKF rod ends contain a spherical plain bearing with a steel/bronze sliding contact surface combination. The bearing requires maintenance, sizes 6 and larger can be relubricated via a grease fitting in the housing and via the shank. The female thread is available with a left- (prefix SIL) or right-hand thread.

- Suitable where lubricant starvation might occur
- Simple and ready-to-mount
- Easy to relubricate (sizes ≥ 6)

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)	71 mm
Housing length, total	95 mm

Performance

Basic dynamic load rating	26 kN
Basic static load rating	35.5 kN

Properties

Sliding contact surface combination	Steel/bronze
Material, housing	Steel
Material, inner ring	Bearing steel
Maintenance	Relubrication required
Attachment feature, rod end shank	Left-hand female thread
Sealing	Without

Technical Specification

Maintenance	Relubrication required
Sliding contact surface combination	Steel/bronze
Material, inner ring	Bearing steel
Sealing	Without
Attachment feature, rod end shank	Left-hand female 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 ₁	71 mm	Height shank end face - centre rod end eye
α	15 °	Angle of tilt
d _k	31.75 mm	Raceway diameter inner ring
d ₃	≈ 25 mm	Housing diameter shank
d ₄	max. 32 mm	Housing diameter shank
l ₃	min. 27 mm	Length thread
l ₄	max. 95 mm	Length (height) housing
l ₅	≈ 10 mm	Length wrench flat
l ₇	min. 27 mm	Distance shank chamfer - centre rod end eye
w	27 mm	Size wrench
r ₁	min. 0.3 mm	Chamfer dimension bore

Calculation data

Basic dynamic load rating	C	26 kN
Basic static load rating	C_0	35.5 kN
Specific dynamic load factor	K	50 N/mm ²
Material constant	K_M	330

Mass

Mass rod end	0.3 kg
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