

SILKAC 6 M

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	6 mm
Centre height, housing (from end of shank)	30 mm
Housing length, total	41 mm
Outside diameter, housing eye	21 mm

Properties

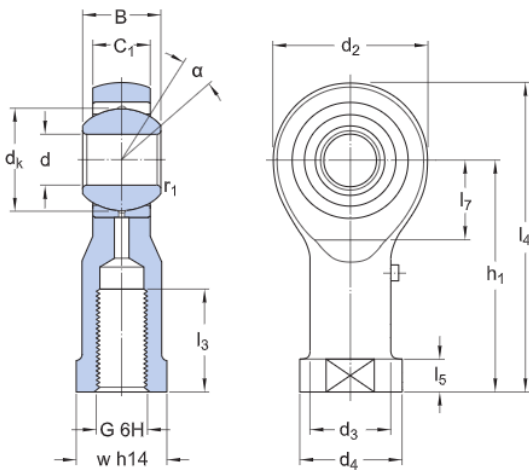
Thread designation	M 6
Attachment feature, rod end shank	Left-hand female thread
Maintenance	Relubrication required
Material, housing	Steel
Material, inner ring	Bearing steel
Sealing	Without
Sliding contact surface combination	Steel/bronze

Performance

Basic dynamic load rating	4.3 kN
Basic static load rating	5.4 kN

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	6 mm	Bore diameter
d ₂	max. 21 mm	Diameter head
B	9 mm	Width inner ring
G	M 6	Thread
C ₁	max. 7.5 mm	Width head
h ₁	30 mm	Height shank end face - centre rod end eye
α	13 °	Angle of tilt
d _k	12.7 mm	Raceway diameter inner ring
d ₃	≈ 10 mm	Housing diameter shank
d ₄	max. 14 mm	Housing diameter shank
l ₃	min. 9 mm	Length threath
l ₄	max. 41 mm	Length (height) housing
l ₅	≈ 5 mm	Length wrench flat
l ₇	min. 11 mm	Distance shank chamfer - centre rod end eye
w	11 mm	Size wrench
r ₁	min. 0.3 mm	Chamfer dimension bore

Calculation data

Basic dynamic load rating	C	4.3 kN
Basic static load rating	C_0	5.4 kN
Specific dynamic load factor	K	50 N/mm
Material constant	K_M	330

Mass

Mass rod end	0.025 kg
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