



Image may differ from product. See technical specification for details.

SILKAC 8 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	8 mm
Outside diameter, housing eye	25 mm
Width, bearing inner ring	12 mm
Thread designation	M 8
Width, housing eye	9.5 mm
Centre height, housing (from end of shank)	36 mm
Housing length, total	49 mm

Performance

Basic dynamic load rating	7.2 kN
Basic static load rating	9.15 kN

Properties

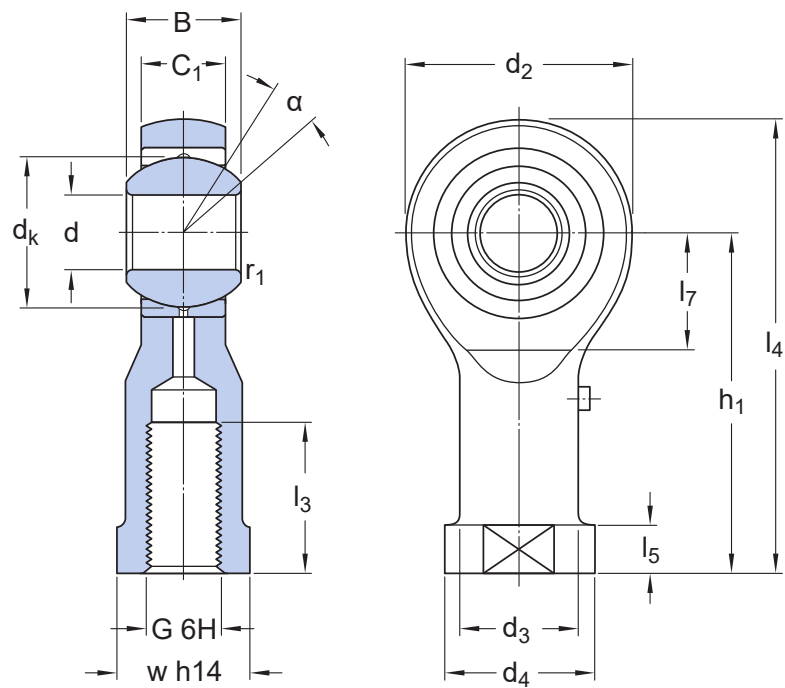
Sliding contact surface combination	Steel/bronze
Material, housing	Steel
Material, inner ring	Bearing steel
Maintenance	Relubrication required
Attachment feature, rod end shank	Left-hand female thread
Sealing	Without

Logistics

Product net weight	0.043 kg
eClass code	23-05-01-05
UNSPSC code	31171508

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	8 mm	Bore diameter
d ₂	max. 25 mm	Diameter head
B	12 mm	Width inner ring
G	M 8	Thread
C ₁	max. 9.5 mm	Width head
h ₁	36 mm	Height shank end face - centre rod end eye
α	14 °	Angle of tilt
d _k	15.875 mm	Raceway diameter inner ring
d ₃	≈ 12.5 mm	Housing diameter shank
d ₄	max. 17 mm	Housing diameter shank
l ₃	min. 12 mm	Length thread
l ₄	max. 49 mm	Length (height) housing

l_5	$\approx 5 \text{ mm}$	Length wrench flat
l_7	min. 12 mm	Distance shank chamfer - centre rod end eye
w	14 mm	Size wrench
r_1	min. 0.3 mm	Chamfer dimension bore




Calculation data

Basic dynamic load rating	C	7.2 kN
Basic static load rating	C_0	9.15 kN
Specific dynamic load factor	K	50 N/mm ²
Material constant	K_M	330

Tolerances and clearances

- [General bearing specifications](#)

More Information

<div> Product details</div> <div>Rod ends bearings requiring maintenance</div> <div>Maintenance-free rod ends</div> <div>General rod end specifications</div> <div>Temperature limits</div>	<div> Engineering information</div> <div>Principles of selection</div>	<div> Tools</div> <div>SKF Product select</div>
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