



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

SIL 8 C

Rod end, maintenance-free, female thread

These SKF rod ends contain a spherical plain bearing with a steel/PTFE sintered bronze contact surface combination. The bearing is maintenance-free. The female thread is available with a left- (prefix SIL) or right-hand thread.

- Long service life
- Maintenance-free
- Suitable for heavy, constant direction loads
- Low coefficient of friction
- Simple and ready-to-mount

Overview

Dimensions

Bore diameter, bearing inner ring	8 mm
Outside diameter, housing eye	25 mm
Width, bearing inner ring	8 mm
Thread designation	M 8
Width, housing eye	6.5 mm
Centre height, housing (from end of shank)	36 mm
Housing length, total	50 mm

Performance

Basic dynamic load rating	5.85 kN
Basic static load rating	12.9 kN

Properties

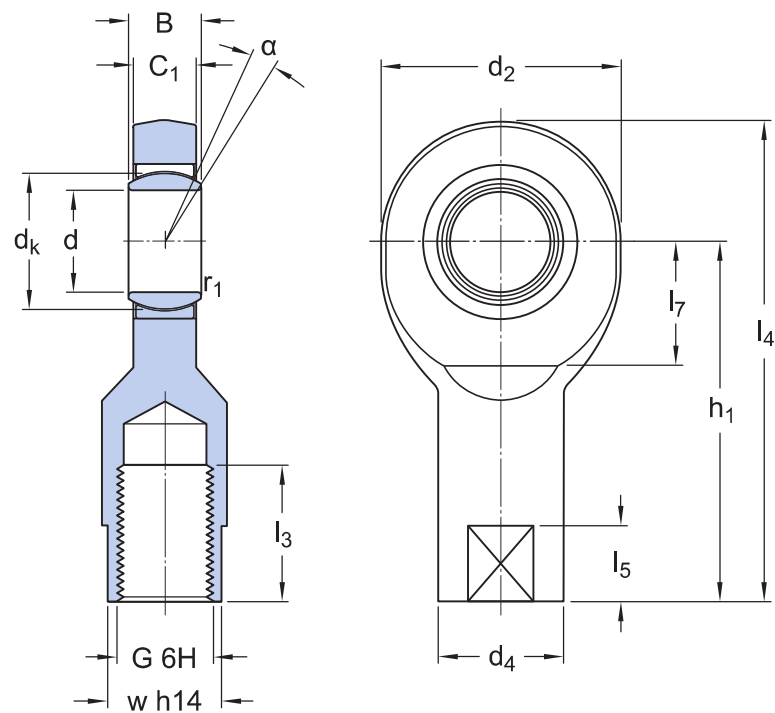
Sliding contact surface combination	Steel/PTFE sintered bronze
Material, housing	Steel
Material, inner ring	Bearing steel
Material, outer ring	Deep-drawing steel
Maintenance	Maintenance-free
Attachment feature, rod end shank	Left-hand female thread
Sealing	Without

Logistics

Product net weight	0.036 kg
eClass code	23-05-01-05
UNSPSC code	31171508

Technical specification

Maintenance	Maintenance-free
Sliding contact surface combination	Steel/PTFE sintered bronze
Material, inner ring	Bearing steel
Material, outer ring	Deep-drawing 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	8 mm	Width inner ring
G	M 8	Thread
C_1	max. 6.5 mm	Width head
h_1	36 mm	Height shank end face - centre rod end eye
α	15 °	Angle of tilt
d_k	13 mm	Raceway diameter inner ring

d ₄	≈ 13 mm	Diameter shank
l ₃	min. 15 mm	Length thread
l ₄	max. 50 mm	Length (height) housing
l ₅	≈ 9 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	5.85 kN
Basic static load rating	C ₀	12.9 kN
Specific dynamic load factor	K	100 N/mm ²
Material constant	K _M	1 400

Tolerances and clearances

- [General bearing specifications](#)

More Information

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