

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

SIL 40 TXE-2LS

Rod end, maintenance-free, female thread

These SKF rod ends contain a spherical plain bearing with a steel/PTFE fabric sliding contact surface combination and a triple-lip, heavy duty contact seal on both sides. The bearing is maintenance-free. The female thread is available with a left- (prefix SIL) or right-hand thread. Some sizes have different fitting dimensions (SAA series).

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

Overview

Dimensions

Bore diameter, bearing inner ring	40 mm
Outside diameter, housing eye	94 mm
Width, bearing inner ring	28 mm
Thread designation	M 42x3
Width, housing eye	24 mm
Centre height, housing (from end of shank)	145 mm
Housing length, total	194 mm

Performance

Basic dynamic load rating	280 kN
Basic static load rating	166 kN

Properties

Sliding contact surface combination	Steel/PTFE fabric
Material, housing	Steel
Material, inner ring	Bearing steel
Material, outer ring	Bearing steel
Maintenance	Maintenance-free
Attachment feature, rod end shank	Left-hand female thread
Sealing	Seal on both sides
Sealing type	Triple-lip

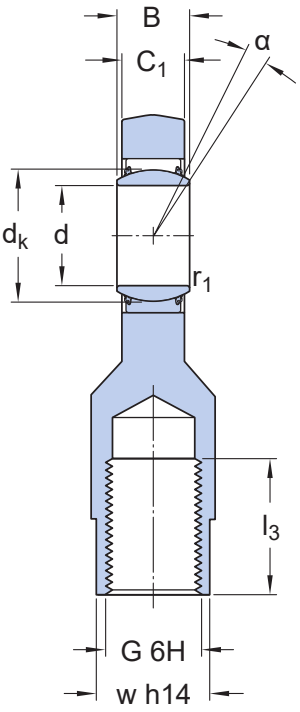
Logistics

Product net weight	2.19 kg
eClass code	23-05-01-05
UNSPSC code	31171508

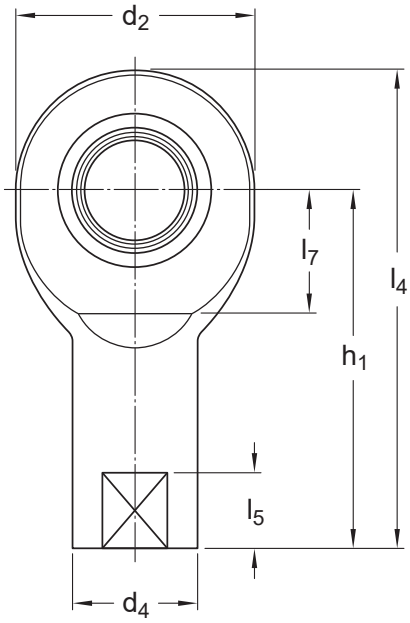
Technical specification

Maintenance	Maintenance-free
Sliding contact surface combination	Steel/PTFE fabric
Material, inner ring	Bearing steel
Material, outer ring	Bearing steel
Sealing	Seal on both sides
Sealing type	Triple-lip

Attachment feature, rod end shank



Left-hand female thread



Dimensions

d	40 mm	Bore diameter
d_2	max. 94 mm	Diameter head
B	28 mm	Width inner ring
G	M 42x3	Thread
C_1	max. 24 mm	Width head
h_1	145 mm	Height shank end face - centre rod end eye
α	6 °	Angle of tilt
d_k	53 mm	Raceway diameter inner ring
d_4	≈ 58 mm	Diameter shank
l_3	min. 65 mm	Length thread
l_4	max. 194 mm	Length (height) housing
l_5	≈ 25 mm	Length wrench flat
l_7	min. 50 mm	Distance shank chamfer - centre rod end eye
w	50 mm	Size wrench
r_1	min. 0.6 mm	Chamfer dimension bore

Calculation data

Basic dynamic load rating	C	280 kN
Basic static load rating	C_0	166 kN
Specific dynamic load factor	K	300 N/mm^2

Tolerances and clearances

- General bearing specifications

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