

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

SAA 40 TXE-2LS

Rod end, maintenance-free, sealed, male 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 male thread is available with a left- (prefix SAL) or right-hand thread. Some sizes have different fitting dimensions (SA(L)A 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 39x3
Width, housing eye	24 mm
Centre height, housing (from end of shank)	150 mm
Housing length, total	199 mm

Performance

Basic dynamic load rating	280 kN
Basic static load rating	140 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	Right-hand male thread
Sealing	Seal on both sides
Sealing type	Triple-lip

Logistics

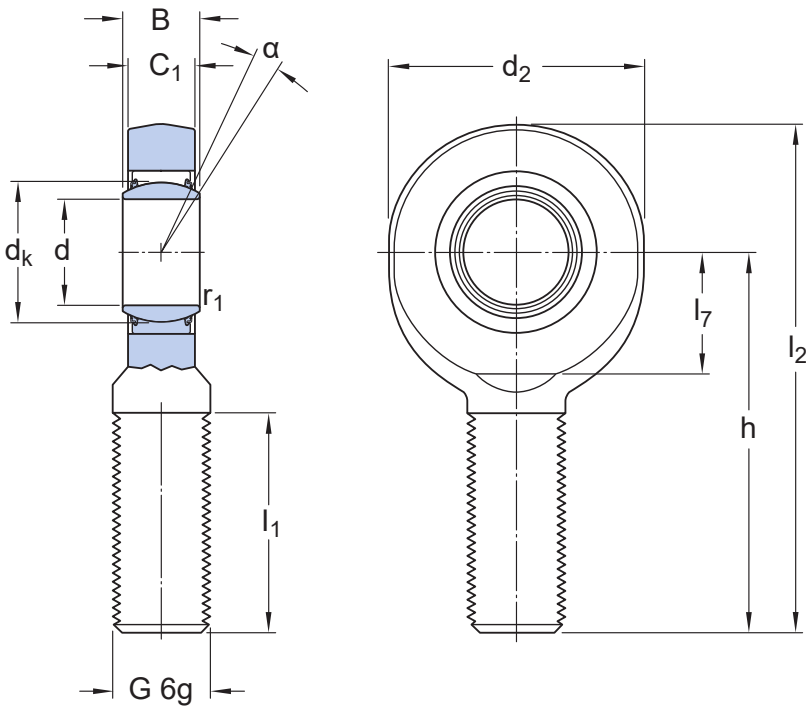
Product net weight	1.85 kg
eClass code	23-05-01-05
UNSPSC code	31171508

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

Right-hand male thread



Dimensions

d	40 mm	Bore diameter
d_2	max. 94 mm	Diameter head
B	28 mm	Width inner ring
G	M 39x3	Thread
C_1	max. 24 mm	Width head
h	150 mm	Height shank end face - centre rod end eye
α	6 °	Angle of tilt
d_k	53 mm	Raceway diameter inner ring
l_1	min. 86 mm	Length thread
l_2	max. 199 mm	Length (height) housing
l_7	min. 46 mm	Distance shank chamfer - centre rod end eye
r_1	min. 0.6 mm	Chamfer dimension bore

Calculation data

Basic dynamic load rating	C	280 kN
Basic static load rating	C_0	140 kN

Specific dynamic load factor	K	300 N/mm²

Tolerances and clearances

- General bearing specifications

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