

SA 50 TXE-2LSRod end, maintenance-free, sealed, male thread



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	50 mm
Outside diameter, housing eye	114 mm
Width, bearing inner ring	35 mm
Thread designation	M 52x3
Width, housing eye	31 mm
Centre height, housing (from end of shank)	195 mm
Housing length, total	254 mm

Performance

Basic dynamic load rating	440 kN
Basic static load rating	245 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

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	50 mm	Bore diameter
d ₂	max. 114 mm	Diameter head
B	35 mm	Width inner ring
G	M 52x3	Thread
C ₁	max. 31 mm	Width head
h	195 mm	Height shank end face - centre rod end eye
α	6 °	Angle of tilt
d _k	66 mm	Raceway diameter inner ring
l ₁	min. 110 mm	Length thread
l ₂	max. 254 mm	Length (height) housing
l ₇	min. 58 mm	Distance shank chamfer - centre rod end eye
r ₁	min. 0.6 mm	Chamfer dimension bore

Calculation data

Basic dynamic load rating	C	440 kN
Basic static load rating	C ₀	245 kN
Specific dynamic load factor	K	300 N/mm ²

Mass

Mass rod end		3.9 kg
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