

# SA 60 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	60 mm
Outside diameter, housing eye	137 mm
Width, bearing inner ring	44 mm
Thread designation	M 60x4
Width, housing eye	39 mm
Centre height, housing (from end of shank)	225 mm
Housing length, total	296 mm

### Performance

Basic dynamic load rating	695 kN
Basic static load rating	360 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

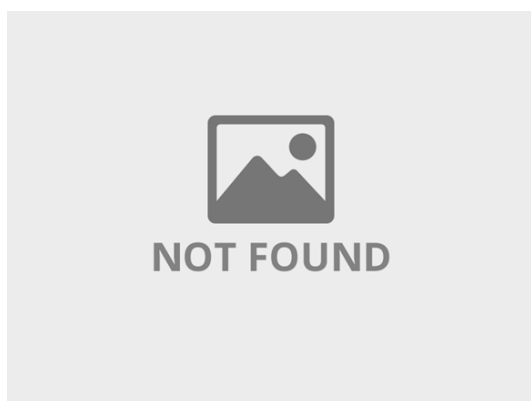
Sealing type

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	60 mm	Bore diameter
d <sub>2</sub>	max. 137 mm	Diameter head
B	44 mm	Width inner ring
G	M 60x4	Thread
C <sub>1</sub>	max. 39 mm	Width head
h	225 mm	Height shank end face - centre rod end eye
α	6 °	Angle of tilt
d <sub>k</sub>	80 mm	Raceway diameter inner ring
l <sub>1</sub>	min. 120 mm	Length thread
l <sub>2</sub>	max. 296 mm	Length (height) housing
l <sub>7</sub>	min. 73 mm	Distance shank chamfer - centre rod end eye
r <sub>1</sub>	min. 1 mm	Chamfer dimension bore

## Calculation data

Basic dynamic load rating	C	695 kN
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Basic static load rating	$C_0$	360 kN
Specific dynamic load factor	K	300 N/mm <sup>2</sup>

## Mass

Mass rod end		6.25 kg
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