

# SIKB 8 FRod end, maintenance-free, female thread

## Rod end, maintenance-free, female thread

These SKF rod ends have an injection moulded sliding layer of PTFE FRP between the housing and the inner ring. This sliding contact surface combination is maintenance-free. The male thread is available with a left- (prefix SAL) or right-hand thread.

- Long service life
- Maintenance-free
- Relatively insensitive to contaminants
- 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	12 mm
Thread designation	M 8
Width, housing eye	9.5 mm
Centre height, housing (from end of shank)	36 mm
Housing length, total	50 mm

### Performance

Basic dynamic load rating	7.1 kN
Basic static load rating	11.4 kN

### Properties

Sliding contact surface combination	Steel/PTFE FRP
Material, housing	Steel
Material, inner ring	Bearing steel
Maintenance	Maintenance-free
Attachment feature, rod end shank	Right-hand female thread
Sealing	Without

## Technical Specification

Maintenance	Maintenance-free
Sliding contact surface combination	Steel/PTFE FRP
Material, inner ring	Bearing steel
Sealing	Without
Attachment feature, rod end shank	Right-hand female thread



## Dimensions

d	8 mm	Bore diameter
d <sub>2</sub>	max. 25 mm	Diameter head
B	12 mm	Width inner ring
G	M 8	Thread
C <sub>1</sub>	max. 9.5 mm	Width head
h <sub>1</sub>	36 mm	Height shank end face - centre rod end eye
α	14 °	Angle of tilt
d <sub>k</sub>	15.875 mm	Raceway diameter inner ring
d <sub>3</sub>	≈ 12.5 mm	Housing diameter shank
d <sub>4</sub>	max. 17 mm	Housing diameter shank
l <sub>3</sub>	min. 12 mm	Length thread
l <sub>4</sub>	max. 50 mm	Length (height) housing
l <sub>5</sub>	≈ 5 mm	Length wrench flat
l <sub>7</sub>	min. 12 mm	Distance shank chamfer - centre rod end eye
w	14 mm	Size wrench
r <sub>1</sub>	min. 0.3 mm	Chamfer dimension bore

## Calculation data

Basic dynamic load rating	C	7.1 kN
Basic static load rating	$C_0$	11.4 kN
Specific dynamic load factor	K	50 N/mm <sup>2</sup>
Material constant	$K_M$	530

## Mass

Mass rod end	0.047 kg
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