



# SIKAC 25 MRod end, requires maintenance, female thread

Rod end, requires maintenance, female thread

These SKF rod ends contain a spherical plain bearing with a steel/bronze sliding contact surface combination. The bearing requires maintenance, sizes 6 and larger can be relubricated via a grease fitting in the housing and via the shank. The female thread is available with a left- (prefix SIL) or right-hand thread.

- Suitable where lubricant starvation might occur
- Simple and ready-to-mount
- Easy to relubricate (sizes  $\geq 6$ )

## Overview

### Dimensions

Bore diameter, bearing inner ring	25 mm
Outside diameter, housing eye	61 mm
Width, bearing inner ring	31 mm
Thread designation	M 24x2
Width, housing eye	23 mm
Centre height, housing (from end of shank)	94 mm
Housing length, total	125 mm

### Performance

Basic dynamic load rating	46.5 kN
Basic static load rating	53 kN

### Properties

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

# Technical Specification

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



## Dimensions

d	25 mm	Bore diameter
d <sub>2</sub>	max. 61 mm	Diameter head
B	31 mm	Width inner ring
G	M 24x2	Thread
C <sub>1</sub>	max. 23 mm	Width head
h <sub>1</sub>	94 mm	Height shank end face - centre rod end eye
α	15 °	Angle of tilt
d <sub>k</sub>	42.8 mm	Raceway diameter inner ring
d <sub>3</sub>	≈ 33.5 mm	Housing diameter shank
d <sub>4</sub>	max. 44 mm	Housing diameter shank
l <sub>3</sub>	min. 36 mm	Length thread
l <sub>4</sub>	max. 125 mm	Length (height) housing
l <sub>5</sub>	≈ 12 mm	Length wrench flat
l <sub>7</sub>	min. 30 mm	Distance shank chamfer - centre rod end eye
w	36 mm	Size wrench
r <sub>1</sub>	min. 0.3 mm	Chamfer dimension bore

## Calculation data

Basic dynamic load rating	C	46.5 kN
Basic static load rating	$C_0$	53 kN
Specific dynamic load factor	K	50 N/mm <sup>2</sup>
Material constant	$K_M$	330

## Mass

Mass rod end	0.65 kg
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