

# SIKAC 16 M/VZ019Rod 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	16 mm
Outside diameter, housing eye	43 mm
Width, bearing inner ring	21 mm
Thread designation	M 16x1.5
Width, housing eye	15.5 mm
Centre height, housing (from end of shank)	64 mm
Housing length, total	86 mm

### Performance

Basic dynamic load rating	21.6 kN
Basic static load rating	29 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	16 mm	Bore diameter
d <sub>2</sub>	max. 43 mm	Diameter head
B	21 mm	Width inner ring
G	M 16x1.5	Thread
C <sub>1</sub>	max. 15.5 mm	Width head
h <sub>1</sub>	64 mm	Height shank end face - centre rod end eye
α	15 °	Angle of tilt
d <sub>k</sub>	28.575 mm	Raceway diameter inner ring
d <sub>3</sub>	≈ 22 mm	Housing diameter shank
d <sub>4</sub>	max. 29 mm	Housing diameter shank
l <sub>3</sub>	min. 24 mm	Length thread
l <sub>4</sub>	max. 86 mm	Length (height) housing
l <sub>5</sub>	≈ 8 mm	Length wrench flat
l <sub>7</sub>	min. 21 mm	Distance shank chamfer - centre rod end eye
w	22 mm	Size wrench
r <sub>1</sub>	min. 0.3 mm	Chamfer dimension bore

## Calculation data

Basic dynamic load rating	C	21.6 kN
Basic static load rating	$C_0$	29 kN
Specific dynamic load factor	K	50 N/mm <sup>2</sup>
Material constant	$K_M$	330

## Mass

Mass rod end	0.22 kg
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