



Image may differ from product. See technical specification for details.

## SAKAC 18 M

**Rod end, requires maintenance, male 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 male thread is available with a left- (prefix SAL) 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	18 mm
Outside diameter, housing eye	47 mm
Width, bearing inner ring	23 mm
Thread designation	M 18x1.5
Width, housing eye	17.5 mm
Centre height, housing (from end of shank)	72 mm
Housing length, total	97 mm

## Performance

Basic dynamic load rating	26 kN
Basic static load rating	29 kN

## Properties

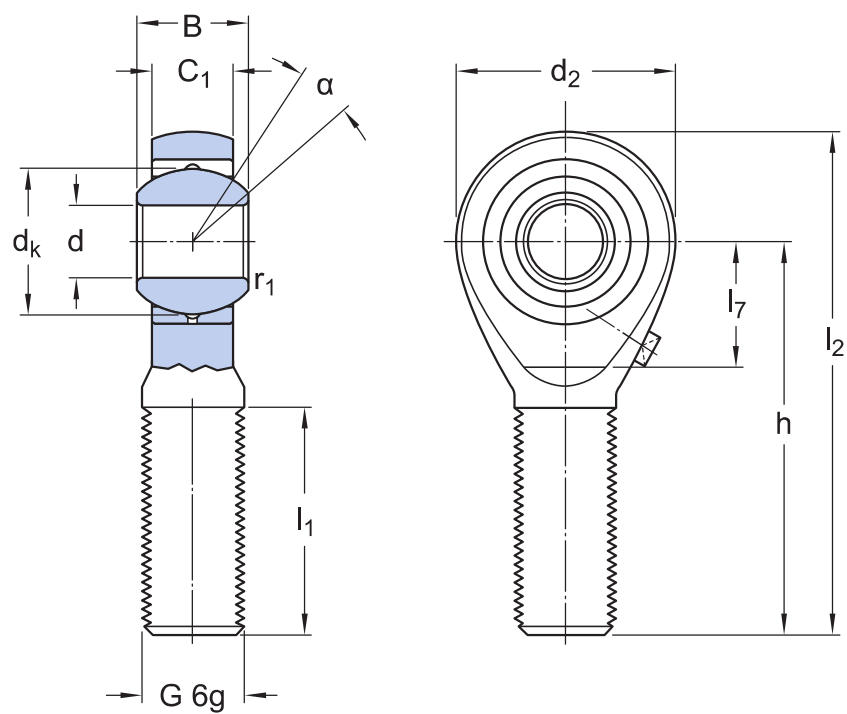
Sliding contact surface combination	Steel/bronze
Material, housing	Steel
Material, inner ring	Bearing steel
Maintenance	Relubrication required
Attachment feature, rod end shank	Right-hand male thread
Sealing	Without

## Logistics

Product net weight	0.29 kg
eClass code	23-05-01-05
UNSPSC code	31171508

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 male thread



Dimensions

d	18 mm	Bore diameter
d <sub>2</sub>	max. 47 mm	Diameter head
B	23 mm	Width inner ring
G	M 18x1.5	Thread
C <sub>1</sub>	max. 17.5 mm	Width head
h	72 mm	Height shank end face - centre rod end eye
α	15 °	Angle of tilt
d <sub>k</sub>	31.75 mm	Raceway diameter inner ring
l <sub>1</sub>	min. 41 mm	Length thread

$l_2$	max. 97 mm	Length (height) housing
$r_1$	min. 0.3 mm	Chamfer dimension bore

Calculation data




Basic dynamic load rating	C	26 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

Tolerances and clearances

- [General bearing specifications](#)



More Information

<div> <b>Product details</b></div> <div><a href="#">Rod ends bearings requiring maintenance</a></div> <div><a href="#">Maintenance-free rod ends</a></div> <div><a href="#">General rod end specifications</a></div> <div><a href="#">Temperature limits</a></div>	<div> <b>Engineering information</b></div> <div><a href="#">Principles of selection</a></div>	<div> <b>Tools</b></div> <div><a href="#">SKF Product select</a></div>
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