



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

SIKAC 12 M/VZ019

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 ≥ 6)

Overview

Dimensions

Bore diameter, bearing inner ring	0.472 in
Outside diameter, housing eye	1.299 in
Width, bearing inner ring	0.63 in
Thread designation	M 12x1.25
Width, housing eye	0.492 in
Centre height, housing (from end of shank)	1.969 in
Housing length, total	2.638 in

Performance

Basic dynamic load rating	2 743 lbf
Basic static load rating	3 147 lbf

Properties

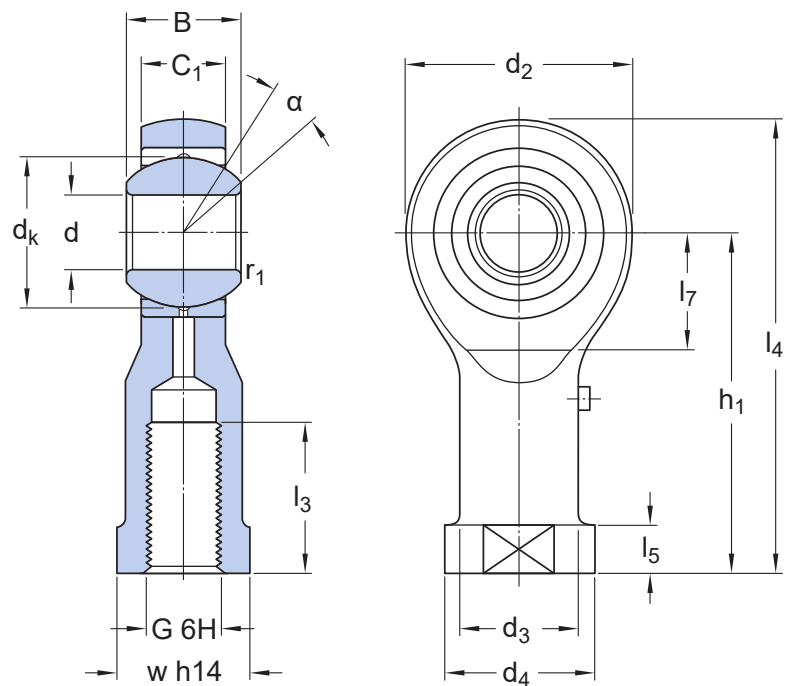
Sliding contact surface combination	Steel/bronze
Material, housing	Steel
Material, inner ring	Bearing steel
Maintenance	Relubrication required
Attachment feature, rod end shank	Right-hand female thread
Sealing	Without

Logistics

Product net weight	0.2491 lb
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 female thread



Dimensions

d	0.472 in	Bore diameter
d ₂	max. 1.299 in	Diameter head
B	0.63 in	Width inner ring
G	M 12x1.25	Thread
C ₁	max. 0.492 in	Width head
h ₁	1.969 in	Height shank end face - centre rod end eye
α	13 °	Angle of tilt
d _k	0.875 in	Raceway diameter inner ring
d ₃	≈ 0.689 in	Housing diameter shank
d ₄	max. 0.906 in	Housing diameter shank
l ₃	min. 0.709 in	Length thread
l ₄	max. 2.638 in	Length (height) housing

l_5	≈ 0.256 in	Length wrench flat
l_7	min. 0.63 in	Distance shank chamfer - centre rod end eye
w	0.748 in	Size wrench
r_1	min. 0.012 in	Chamfer dimension bore




Calculation data

Basic dynamic load rating	C	2 743 lbf
Basic static load rating	C_0	3 147 lbf
Specific dynamic load factor	K	7 251.887 psi

Tolerances and clearances

- [General bearing specifications](#)

More Information

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