



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

## SIKAC 14 M

### 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          | 14 mm   |
| Outside diameter, housing eye              | 37 mm   |
| Width, bearing inner ring                  | 19 mm   |
| Thread designation                         | M 14    |
| Width, housing eye                         | 14.5 mm |
| Centre height, housing (from end of shank) | 57 mm   |
| Housing length, total                      | 76 mm   |

### Performance

|                           |         |
|---------------------------|---------|
| Basic dynamic load rating | 17 kN   |
| Basic static load rating  | 20.4 kN |

### Properties

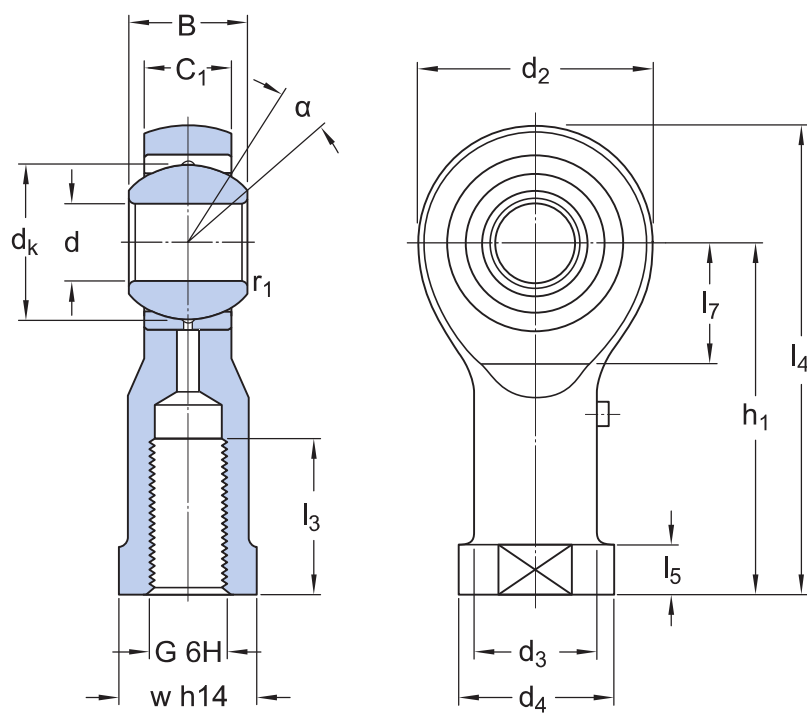
|                                     |                          |
|-------------------------------------|--------------------------|
| Sliding contact surface combination | Steel/bronze             |
| Material, housing                   | Steel                    |
| Material, inner ring          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

### Logistics

|                    |             |
|--------------------|-------------|
| Product net weight | 0.162 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 female thread |



Dimensions

|                |              |                                            |
|----------------|--------------|--------------------------------------------|
| d              | 14 mm        | Bore diameter                              |
| d <sub>2</sub> | max. 37 mm   | Diameter head                              |
| B              | 19 mm        | Width inner ring                           |
| G              | M 14         | Thread                                     |
| C <sub>1</sub> | max. 14.5 mm | Width head                                 |
| h <sub>1</sub> | 57 mm        | Height shank end face - centre rod end eye |
| α              | 16 °         | Angle of tilt                              |
| d <sub>k</sub> | 25.4 mm      | Raceway diameter inner ring                |
| d <sub>3</sub> | ≈ 20 mm      | Housing diameter shank                     |

|                |             |                                             |
|----------------|-------------|---------------------------------------------|
| d <sub>4</sub> | max. 27 mm  | Housing diameter shank                      |
| l <sub>3</sub> | min. 21 mm  | Length thread                               |
| l <sub>4</sub> | max. 76 mm  | Length (height) housing                     |
| l <sub>5</sub> | ≈ 8 mm      | Length wrench flat                          |
| l <sub>7</sub> | min. 18 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              | 17 kN                |
| Basic static load rating     | C <sub>0</sub> | 20.4 kN              |
| Specific dynamic load factor | K              | 50 N/mm <sup>2</sup> |
| Material constant            | K <sub>M</sub> | 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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