

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

# SALKAC 6 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 ≥ 6)

# Overview

## Dimensions

| | |
|---|---|
| Bore diameter, bearing inner ring | 6 mm |
| Outside diameter, housing eye | 21 mm |
| Width, bearing inner ring | 9 mm |
| Thread designation | M 6 |
| Width, housing eye | 7.5 mm |
| Centre height, housing (from end of shank) | 36 mm |
| Housing length, total | 48 mm |

## Performance

| | |
|---|---|
| Basic dynamic load rating | 4.3 kN |
| Basic static load rating | 4.8 kN |

## Properties

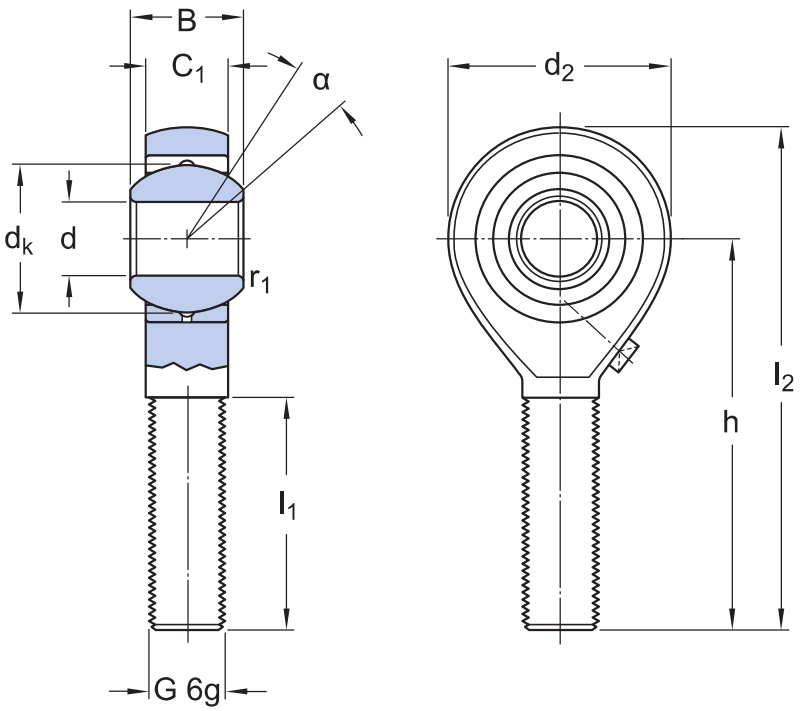
| | |
|---|---|
| Sliding contact surface combination | Steel/bronze |
| Material, housing | Steel |
| Material, inner ring | Bearing steel |
| Maintenance | Relubrication required |
| Attachment feature, rod end shank | Left-hand male thread |
| Sealing | Without |

## Logistics

| | |
|---|---|
| Product net weight | 0.0224 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 | Left-hand male thread |




## Dimensions

| | | |
|---|---|---|
| d | 6 mm | Bore diameter |
| $d_2$ | max. 21 mm | Diameter head |
| B | 9 mm | Width inner ring |
| G | M 6 | Thread |
| $C_1$ | max. 7.5 mm | Width head |
| h | 36 mm | Height shank end face - centre rod end eye |
| α | 13 ° | Angle of tilt |
| $d_k$ | 12.7 mm | Raceway diameter inner ring |
| $l_1$ | min. 21 mm | Length thread |

| | | |
|---|---|---|
| $l_2$ | max. 48 mm | Length (height) housing |
| $r_1$ | min. 0.3 mm | Chamfer dimension bore |

## Calculation data

| | | |
|---|---|---|
| Basic dynamic load rating | C | 4.3 kN |
| Basic static load rating | $C_0$ | 4.8 kN |
| Specific dynamic load factor | K | 50 N/mm$^2$ |
| Material constant | $K_M$ | 330 |

## Tolerances and clearances

- General bearing specifications

## More Information

### Product details

- Rod ends bearings requiring maintenance
- Maintenance-free rod ends
- General rod end specifications
- Temperature limits

### Engineering information

- Principles of selection

### Tools

- SKF Product select

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