



SIKAC 30 MRod 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 ≥ 6)

Overview

Dimensions

| | |
|--|--------|
| Bore diameter, bearing inner ring | 30 mm |
| Outside diameter, housing eye | 71 mm |
| Width, bearing inner ring | 37 mm |
| Thread designation | M 30x2 |
| Width, housing eye | 27 mm |
| Centre height, housing (from end of shank) | 110 mm |
| Housing length, total | 146 mm |

Performance

| | |
|---------------------------|---------|
| Basic dynamic load rating | 64 kN |
| Basic static load rating | 69.5 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 | 30 mm | Bore diameter |
| d ₂ | max. 71 mm | Diameter head |
| B | 37 mm | Width inner ring |
| G | M 30x2 | Thread |
| C ₁ | max. 27 mm | Width head |
| h ₁ | 110 mm | Height shank end face - centre rod end eye |
| α | 17 ° | Angle of tilt |
| d _k | 50.8 mm | Raceway diameter inner ring |
| d ₃ | ≈ 40 mm | Housing diameter shank |
| d ₄ | max. 52 mm | Housing diameter shank |
| l ₃ | min. 45 mm | Length thread |
| l ₄ | max. 146 mm | Length (height) housing |
| l ₅ | ≈ 15 mm | Length wrench flat |
| l ₇ | min. 35 mm | Distance shank chamfer - centre rod end eye |
| w | 41 mm | Size wrench |
| r ₁ | min. 0.3 mm | Chamfer dimension bore |

Calculation data

| | | |
|------------------------------|----------------|----------------------|
| Basic dynamic load rating | C | 64 kN |
| Basic static load rating | C ₀ | 69.5 kN |
| Specific dynamic load factor | K | 50 N/mm ² |
| Material constant | K _M | 330 |

Mass

| | |
|--------------|---------|
| Mass rod end | 1.15 kg |
|--------------|---------|

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