



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

## SAL 8 E

**Rod end, requires maintenance, male thread**

These SKF rod ends contain a spherical plain bearing with a steel/steel sliding contact surface combination. The bearing requires maintenance and can be relubricated only from the side. The male thread is available with a left- (prefix SAL) or right-hand thread.

- Suitable for heavy static, alternating or impact loads
- Simple and ready-to-mount

## Overview

### Dimensions

|                                            |        |
|--------------------------------------------|--------|
| Bore diameter, bearing inner ring          | 8 mm   |
| Outside diameter, housing eye              | 25 mm  |
| Width, bearing inner ring                  | 8 mm   |
| Thread designation                         | M 8    |
| Width, housing eye                         | 6.5 mm |
| Centre height, housing (from end of shank) | 42 mm  |
| Housing length, total                      | 56 mm  |

### Performance

|                           |         |
|---------------------------|---------|
| Basic dynamic load rating | 5.5 kN  |
| Basic static load rating  | 12.9 kN |

### Properties

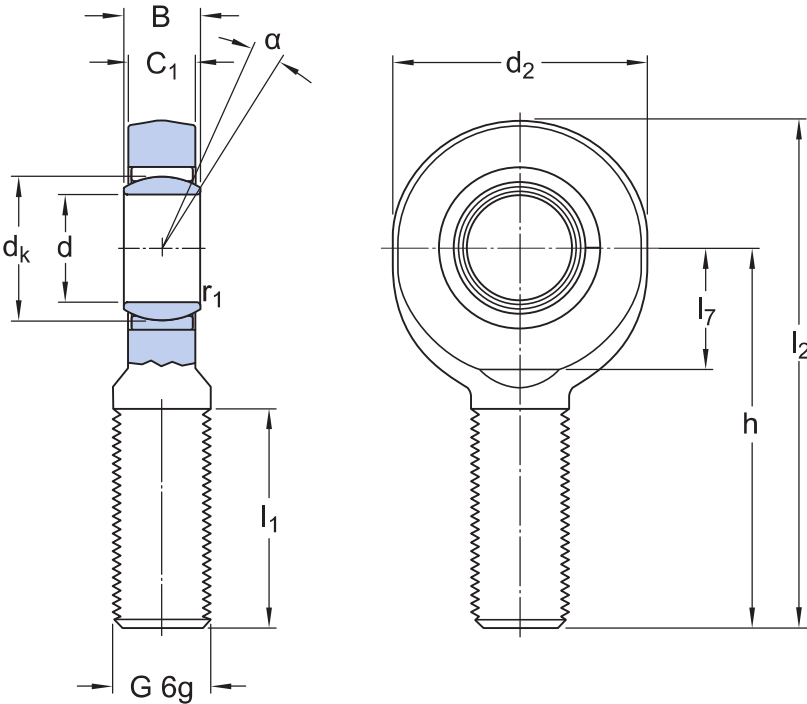
|                                     |                        |
|-------------------------------------|------------------------|
| Sliding contact surface combination | Steel/steel, standard  |
| Material, housing                   | Steel                  |
| Material, inner ring                | Bearing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

### Logistics

|                    |             |
|--------------------|-------------|
| Product net weight | 0.029 kg    |
| eClass code        | 23-05-01-05 |
| UNSPSC code        | 31171508    |

Technical specification

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



Dimensions

|                |             |                                            |
|----------------|-------------|--------------------------------------------|
| d              | 8 mm        | Bore diameter                              |
| d <sub>2</sub> | max. 25 mm  | Diameter head                              |
| B              | 8 mm        | Width inner ring                           |
| G              | M 8         | Thread                                     |
| C <sub>1</sub> | max. 6.5 mm | Width head                                 |
| h              | 42 mm       | Height shank end face - centre rod end eye |
| α              | 15 °        | Angle of tilt                              |
| d <sub>k</sub> | 13 mm       | Raceway diameter inner ring                |

|       |             |                                             |
|-------|-------------|---------------------------------------------|
| $l_1$ | min. 21 mm  | Length thread                               |
| $l_2$ | max. 56 mm  | Length (height) housing                     |
| $l_7$ | min. 11 mm  | Distance shank chamfer - centre rod end eye |
| $r_1$ | min. 0.3 mm | Chamfer dimension bore                      |

Calculation data

|                              |       |                       |
|------------------------------|-------|-----------------------|
| Basic dynamic load rating    | C     | 5.5 kN                |
| Basic static load rating     | $C_0$ | 12.9 kN               |
| Specific dynamic load factor | K     | 100 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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