



## SKF SAL 12 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.

### Technical specifications

| General                             |                        |
|-------------------------------------|------------------------|
| 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                                  |        |
|---------------------------------------------|--------|
| Bore diameter                               | 12 mm  |
| Diameter head                               | 35 mm  |
| Width inner ring                            | 10 mm  |
| Thread                                      | M 12   |
| Width head                                  | 8.5 mm |
| Height shank end face - centre rod end eye  | 54 mm  |
| Angle of tilt                               | 10 °   |
| Raceway diameter inner ring                 | 18 mm  |
| Length thread                               | 28 mm  |
| Length (height) housing                     | 73 mm  |
| Distance shank chamfer - centre rod end eye | 17 mm  |
| Chamfer dimension bore                      | 0.3 mm |
| Bore diameter, bearing inner ring           | 12 mm  |
| Outside diameter, housing eye               | 35 mm  |
| Width, bearing inner ring                   | 10 mm  |
| Thread designation                          | M 12   |
| Width, housing eye                          | 8.5 mm |
| Centre height, housing (from end of shank)  | 54 mm  |
| Housing length, total                       | 73 mm  |

| Calculation data             |                       |
|------------------------------|-----------------------|
| Basic dynamic load rating    | 10.8 kN               |
| Basic static load rating     | 24.5 kN               |
| Specific dynamic load factor | 100 N/mm <sup>2</sup> |
| Material constant            | 330                   |

| Performance               |         |
|---------------------------|---------|
| Basic dynamic load rating | 10.8 kN |
| Basic static load rating  | 24.5 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 | 0.084 kg    |
| eClass code        | 23-05-01-05 |
| UNSPSC code        | 31171508    |

**SKF drawings**

