



## SKF SILKB 12 F

Rod end, maintenance-free, female thread

These SKF rod ends have an injection moulded sliding layer of PTFE FRP between the housing and the inner ring. This sliding contact surface combination is maintenance-free. The male thread is available with a left- (prefix SAL) or right-hand thread.

### Technical specifications

| General                                     |                         |
|---------------------------------------------|-------------------------|
| Maintenance                                 | Maintenance-free        |
| Sliding contact surface combination         | Steel/PTFE FRP          |
| Material, inner ring                        | Bearing steel           |
| Sealing                                     | Without                 |
| Attachment feature, rod end shank           | Left-hand female thread |
| Dimensions                                  |                         |
| Bore diameter                               | 12 mm                   |
| Diameter head                               | 33 mm                   |
| Width inner ring                            | 16 mm                   |
| Thread                                      | M 12                    |
| Width head                                  | 12.5 mm                 |
| Height shank end face - centre rod end eye  | 50 mm                   |
| Angle of tilt                               | 13 °                    |
| Raceway diameter inner ring                 | 22.225 mm               |
| Housing diameter shank                      | 17.5 mm                 |
| Housing diameter shank                      | 23 mm                   |
| Length thread                               | 18 mm                   |
| Length (height) housing                     | 68 mm                   |
| Length wrench flat                          | 6.5 mm                  |
| Distance shank chamfer - centre rod end eye | 16 mm                   |
| Size wrench                                 | 19 mm                   |
| Chamfer dimension bore                      | 0.3 mm                  |
| Bore diameter, bearing inner ring           | 12 mm                   |
| Outside diameter, housing eye               | 33 mm                   |
| Width, bearing inner ring                   | 16 mm                   |
| Thread designation                          | M 12                    |
| Width, housing eye                          | 12.5 mm                 |
| Centre height, housing (from end of shank)  | 50 mm                   |
| Housing length, total                       | 68 mm                   |
| Calculation data                            |                         |
| Basic dynamic load rating                   | 13.2 kN                 |
| Basic static load rating                    | 17 kN                   |
| Specific dynamic load factor                | 50 N/mm <sup>2</sup>    |
| Material constant                           | 530                     |
| Performance                                 |                         |
| Basic dynamic load rating                   | 13.2 kN                 |
| Basic static load rating                    | 17 kN                   |
| Properties                                  |                         |
| Sliding contact surface combination         | Steel/PTFE FRP          |
| Material, housing                           | Steel                   |
| Material, inner ring                        | Bearing steel           |
| Maintenance                                 | Maintenance-free        |
| Attachment feature, rod end shank           | Left-hand female thread |

|         |         |
|---------|---------|
| Sealing | Without |
|---------|---------|

| Logistics          |             |
|--------------------|-------------|
| Product net weight | 0.118 kg    |
| eClass code        | 23-05-01-05 |
| UNSPSC code        | 31171508    |

**SKF drawings**

