



## SKF SIKB 6 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   | Right-hand female thread |

| Dimensions                                  |         |
|---------------------------------------------|---------|
| Bore diameter                               | 6 mm    |
| Diameter head                               | 21 mm   |
| Width inner ring                            | 9 mm    |
| Thread                                      | M 6     |
| Width head                                  | 7.5 mm  |
| Height shank end face - centre rod end eye  | 30 mm   |
| Angle of tilt                               | 13 °    |
| Raceway diameter inner ring                 | 12.7 mm |
| Housing diameter shank                      | 10 mm   |
| Housing diameter shank                      | 14 mm   |
| Length thread                               | 9 mm    |
| Length (height) housing                     | 42 mm   |
| Length wrench flat                          | 5 mm    |
| Distance shank chamfer - centre rod end eye | 11 mm   |
| Size wrench                                 | 11 mm   |
| Chamfer dimension bore                      | 0.3 mm  |
| 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)  | 30 mm   |
| Housing length, total                       | 42 mm   |

| Calculation data             |                      |
|------------------------------|----------------------|
| Basic dynamic load rating    | 4.25 kN              |
| Basic static load rating     | 6.8 kN               |
| Specific dynamic load factor | 50 N/mm <sup>2</sup> |
| Material constant            | 530                  |

| Performance               |         |
|---------------------------|---------|
| Basic dynamic load rating | 4.25 kN |
| Basic static load rating  | 6.8 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   | Right-hand female thread |

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

| Logistics          |             |
|--------------------|-------------|
| Product net weight | 0.027 kg    |
| eClass code        | 23-05-01-05 |
| UNSPSC code        | 31171508    |

**SKF drawings**

