



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

SILKB 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.

- Long service life
- Maintenance-free
- Relatively insensitive to contaminants
- Low coefficient of friction
- Simple and ready-to-mount

Overview

Dimensions

| | |
|--|--------|
| 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 |

Performance

| | |
|---------------------------|---------|
| Basic dynamic load rating | 4.25 kN |
| Basic static load rating | 6.8 kN |

Properties

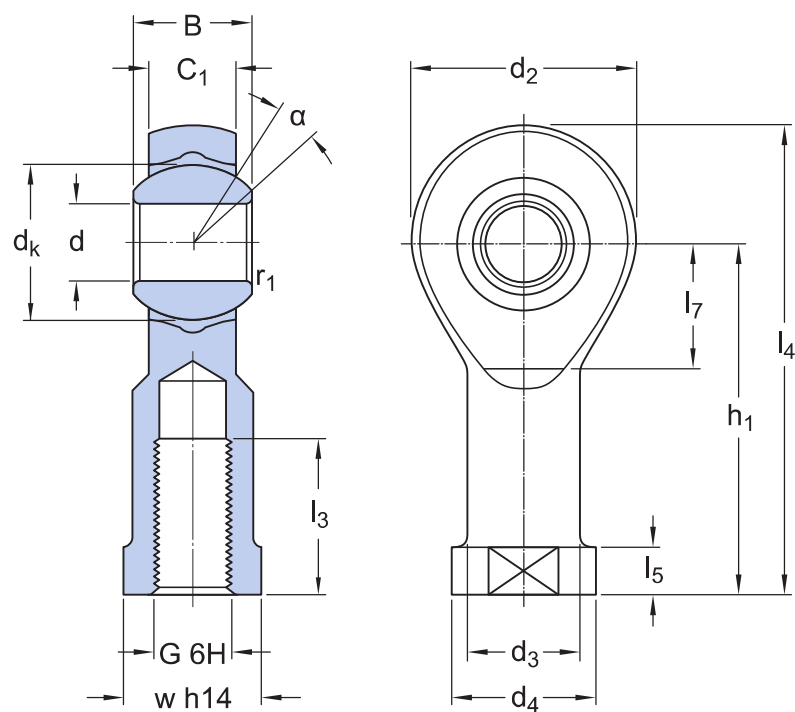
| | |
|-------------------------------------|-------------------------|
| Sliding contact surface combination | Steel/PTFE FRP |
| Material, housing | Steel |
| Material, inner ring | Bearing steel |
| Maintenance | Maintenance-free |
| Attachment feature, rod end shank | Left-hand female thread |
| Sealing | Without |

Logistics

| | |
|--------------------|-------------|
| Product net weight | 0.0266 kg |
| eClass code | 23-05-01-05 |
| UNSPSC code | 31171508 |

Technical specification

| | |
|-------------------------------------|-------------------------|
| 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

| | | |
|----------------|-------------|--|
| d | 6 mm | Bore diameter |
| d ₂ | max. 21 mm | Diameter head |
| B | 9 mm | Width inner ring |
| G | M 6 | Thread |
| C ₁ | max. 7.5 mm | Width head |
| h ₁ | 30 mm | Height shank end face - centre rod end eye |
| α | 13 ° | Angle of tilt |
| d _k | 12.7 mm | Raceway diameter inner ring |
| d ₃ | ≈ 10 mm | Housing diameter shank |

| | | |
|----------------|-------------|---|
| d ₄ | max. 14 mm | Housing diameter shank |
| l ₃ | min. 9 mm | Length thread |
| l ₄ | max. 42 mm | Length (height) housing |
| l ₅ | ≈ 5 mm | Length wrench flat |
| l ₇ | min. 11 mm | Distance shank chamfer - centre rod end eye |
| w | 11 mm | Size wrench |
| r ₁ | min. 0.3 mm | Chamfer dimension bore |




Calculation data

| | | |
|------------------------------|----------------|----------------------|
| Basic dynamic load rating | C | 4.25 kN |
| Basic static load rating | C ₀ | 6.8 kN |
| Specific dynamic load factor | K | 50 N/mm ² |
| Material constant | K _M | 530 |

Tolerances and clearances

- [General bearing specifications](#)

More Information

| | | |
|---|--|---|
| <div> Product details</div> <div>Rod ends bearings requiring maintenance</div> <div>Maintenance-free rod ends</div> <div>General rod end specifications</div> <div>Temperature limits</div> | <div> Engineering information</div> <div>Principles of selection</div> | <div> Tools</div> <div>SKF Product select</div> |
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