

**GIL25-UK-2RS** [↗](#)

Rod end

Rod end with internal thread, maintenance-free, sliding layer: ELGOGLIDE, DIN ISO 12240-4, dimension series E, type F, inner ring curved surface with hard chromium coating, sealed, left hand thread

Technical information



Your current product variant

| | | |
|--------------------|------------------------|-------------------------|
| Clampable | Not clampable | |
| Maintenance | Maintenance free | |
| Mounting | Internal thread | |
| Lubrication nipple | Cannot be relubricated | |
| Slotted | No | |
| Thread Pitch | Left-hand thread | |
| Type of Sealing | 2RS | Lip seals on both sides |

Main Dimensions & Performance Data

| | | |
|-------------|-----------|-----------------------------------|
| C_r | 128.000 N | Basic dynamic load rating, radial |
| C_{0r} | 105.000 N | Basic static load rating, radial |
| d | 25 mm | Bore diameter bearing |
| d_2 | 64 mm | Outer eye diameter |
| l_4 | 126 mm | Total length internal thread head |
| $\approx m$ | 0,65 kg | Weight |



Dimensions

| | | |
|-------------------|----------|--|
| C ₁ | 17 mm | Width of the rod end |
| D | 42 mm | Outside diameter bearing |
| B | 20 mm | Width inner ring |
| d _K | 35,5 mm | Ball diameter |
| d ₃ | M24x2 | Thread size |
| d ₄ | 33,5 mm | Shank diameter |
| d ₅ | 42 mm | Shank diameter, large |
| h ₁ | 94 mm | Shank Length Internal thread head |
| α | 7 ° | Tilt angle |
| l ₃ | 48 mm | Thread length Internal thread |
| l ₅ | 12 mm | Length rod end shank |
| l ₇ | 32 mm | Distance drilling with/shaft start |
| W | 36 mm | Width Across Flat |
| d _{UT} | -0,01 mm | Bore diameter bearing, lower tolerance |
| d _{OT} | 0 mm | Bore diameter bearing, upper tolerance |
| B _{UT} | -0,12 mm | Width inner ring, lower tolerance |
| B _{OT} | 0 mm | Width inner ring, upper tolerance |
| G _r | 0 - 0,05 | Radial Clearance |
| G _{rmin} | 0 mm | Radial clearance, minimum |
| G _{rmax} | 0,05 mm | Radial clearance, maximum |

Mounting dimensions

| | | |
|--------------------|---------|----------------------------------|
| r _{1smin} | 0,6 mm | Edge Spacing |
| d ₁ | 29,3 mm | Outer flange diameter inner ring |

Temperature range

| | | |
|------------------|--------|----------------------------|
| T _{min} | -30 °C | Operating temperature min. |
| T _{max} | 130 °C | Operating temperature max. |



Characteristics



Radial load



Lifetime lubrication, freedom from maintenance



Sealed on both sides



Static angular error and misalignment



Dynamic angular error and misalignment