

**GIL50-DO-2RS**

Rod end



Rod end with internal thread, left hand thread, requiring maintenance, sliding contact surface: steel/steel, DIN ISO 12240-4, dimension series E, type F, sealed

Technical information



Your current product variant

| | | |
|---------------------------|---|---------------------------|
| Clampable | Not clampable | |
| Maintenance | Maintenance required | |
| Lubrication nipple | DIN71412-AS6 (tapered grease nipple) | |
| Slotted | No | |
| Thread Pitch | Left-hand thread | |
| Type of Seal | 2RS | Lip seals on both sides |
| Radial internal clearance | CN (Group N) | Normal internal clearance |
| Mounting | Internal thread | |

Main Dimensions & Performance Data

| | | |
|-----------------|--------------|-----------------------------------|
| d | 50 mm | Bore diameter bearing |
| D | 75 mm | Outside diameter bearing |
| B | 35 mm | Width inner ring |
| C _r | 204.000 N | Basic dynamic load rating, radial |
| C _{0r} | 314.000 N | Basic static load rating, radial |
| G _r | 0,043 - 0,12 | Radial Clearance |
| ≈m | 3,54 kg | Weight |



Dimensions

| | | |
|--------------------|-----------|--|
| d _K | 66 mm | Ball diameter |
| d ₁ | 55,9 mm | Outer flange diameter inner ring |
| d ₂ | 112 mm | Outer eye diameter |
| d ₃ | M45x3 | Thread size |
| d ₄ | 62 mm | Shank diameter |
| h ₁ | 160 mm | Shank Length Internal thread head |
| C ₁ | 30 mm | Width of the rod end |
| α | 6 ° | Tilt angle |
| l ₃ | 68 mm | Thread length Internal thread |
| l ₄ | 216 mm | Total length internal thread head |
| l ₅ | 20 mm | Length rod end shank |
| l ₇ | 60 mm | Distance drilling with/shaft start |
| d ₅ | 75 mm | Shank diameter, large |
| r _{1smin} | 0,6 mm | Edge Spacing |
| W | 65 mm | Width Across Flat |
| d _{OT} | 0 mm | Bore diameter bearing, upper tolerance |
| d _{UT} | -0,012 mm | Bore diameter bearing, lower tolerance |
| B _{OT} | 0 mm | Width inner ring, upper tolerance |
| B _{UT} | -0,12 mm | Width inner ring, lower tolerance |
| G _{rmax} | 0,12 mm | Radial clearance, maximum |
| G _{rmin} | 0,043 mm | Radial clearance, minimum |

Temperature range

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



Characteristics



Radial load



Grease Lubrication



Sealed on both sides



Static angular error and misalignment



Dynamic angular error and misalignment