

**GIL10-DO**

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, open design

Technical information

**Your current product variant**

| | | |
|---------------------------|------------------------|---------------------------|
| Clampable | Not clampable | |
| Maintenance | Maintenance required | |
| Mounting | Internal thread | |
| Lubrication nipple | Cannot be relubricated | |
| Slotted | No | |
| Thread Pitch | Left-hand thread | |
| Sealing | Without | |
| Radial internal clearance | CN (Group N) | Normal internal clearance |

Main Dimensions & Performance Data

| | | |
|-------------|---------------|-----------------------------------|
| d | 10 mm | Bore diameter bearing |
| D | 19 mm | Outside diameter bearing |
| B | 9 mm | Width inner ring |
| C_r | 10.600 N | Basic dynamic load rating, radial |
| C_{0r} | 22.000 N | Basic static load rating, radial |
| G_r | 0,023 - 0,068 | Radial Clearance |
| $\approx m$ | 65,235 g | Weight |



Dimensions

| | | |
|-------------|-----------|--|
| d_K | 16 mm | Ball diameter |
| d_1 | 13,2 mm | Outer flange diameter inner ring |
| d_2 | 29 mm | Outer eye diameter |
| d_3 | M10 | Thread size |
| d_4 | 15 mm | Shank diameter |
| h_1 | 43 mm | Shank Length Internal thread head |
| C_1 | 7 mm | Width of the rod end |
| α | 12 ° | Tilt angle |
| l_3 | 20 mm | Thread length Internal thread |
| l_4 | 57,5 mm | Total length internal thread head |
| l_5 | 6,5 mm | Length rod end shank |
| l_7 | 15 mm | Distance drilling with/shaft start |
| d_5 | 19 mm | Shank diameter, large |
| r_{1smin} | 0,3 mm | Edge Spacing |
| W | 17 mm | Width Across Flat |
| d_{OT} | 0 mm | Bore diameter bearing, upper tolerance |
| d_{UT} | -0,008 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} | 0,068 mm | Radial clearance, maximum |
| G_{rmin} | 0,023 mm | Radial clearance, minimum |

Temperature range

| | | |
|-----------|--------|----------------------------|
| T_{min} | -50 °C | Operating temperature min. |
| T_{max} | 200 °C | Operating temperature max. |



Characteristics



Radial load



Grease Lubrication



Not sealed



Static angular error and misalignment



Dynamic angular error and misalignment