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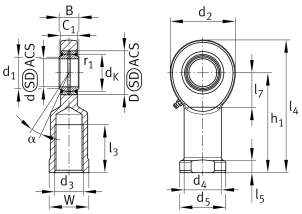
SCHAEFFLER

# GIR60-DO-2RS

Rod end

Rod end with internal thread, right 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 | |
| Mounting | Internal thread | |
| Lubrication nipple | DIN71412-AS6 (tapered grease nipple) | |
| Slotted | No | |
| Thread Pitch | Right-hand thread | |
| Sealing | 2RS | Lip seals on both sides |
| Radial internal clearance | CN (Group N) | Normal internal clearance |

### Main Dimensions & Performance Data

| | | |
|---|---|---|
| d | 60 mm | Bore diameter bearing |
| D | 90 mm | Outside diameter bearing |
| B | 44 mm | Width inner ring |
| $C_r$ | 318.000 N | Basic dynamic load rating, radial |
| $C_{0r}$ | 405.000 N | Basic static load rating, radial |
| $G_r$ | 0,043 - 0,120 mm | Radial Clearance |
| ≈m | 5,6 kg | Weight |

## Dimensions

| | | |
|---|---|---|
| $d_K$ | 80 mm | Ball diameter |
| $d_1$ | 66,8 mm | Outer flange diameter inner ring |
| $d_2$ | 135 mm | Outer eye diameter |
| $d_3$ | M52x3 | Thread size |
| $d_4$ | 70 mm | Shank diameter |
| $h_1$ | 175 mm | Shank Length Internal thread head |
| $C_1$ | 38 mm | Width of the rod end |
| α | 6 ° | Tilt angle |
| $l_3$ | 70 mm | Thread length Internal thread |
| $l_4$ | 242,5 mm | Total length internal thread head |
| $l_5$ | 20 mm | Length rod end shank |
| $l_7$ | 75 mm | Distance drilling with/shaft start |
| $d_5$ | 88 mm | Shank diameter, large |
| $r_{1smin}$ | 1 mm | Edge Spacing |
| W | 75 mm | Width Across Flat |
| $d_{OT}$ | 0 mm | Bore diameter bearing, upper tolerance |
| $d_{UT}$ | -0,015 mm | Bore diameter bearing, lower tolerance |
| $B_{OT}$ | 0 mm | Width inner ring, upper tolerance |
| $B_{UT}$ | -0,15 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

Axial load in one direction

Axial load in two directions


Grease Lubrication


Sealed on both sides


Static angular error and misalignment


Dynamic angular error and misalignment