

**GAL35-DO-2RS** [↗](#)

Rod end



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

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 | |
| Sealing | 2RS | Lip seals on both sides |
| Radial internal clearance | CN (Group N) | Normal internal clearance |
| Mounting | External thread | |

Main Dimensions & Performance Data

| | | |
|-------------|-----------|-----------------------------------|
| C_r | 104.000 N | Basic dynamic load rating, radial |
| C_{0r} | 159.000 N | Basic static load rating, radial |
| d | 35 mm | Bore diameter bearing |
| D | 55 mm | Outside diameter bearing |
| l_2 | 181 mm | Total length external thread head |
| B | 25 mm | Width inner ring |
| d_2 | 82 mm | Outer eye diameter |
| $\approx m$ | 1,462 kg | Weight |



Mounting dimensions

| | | |
|--------------------|---------|----------------------------------|
| d ₁ | 39,7 mm | Outer flange diameter inner ring |
| r _{1smin} | 0,6 mm | Edge Spacing |

Dimensions

| | | |
|-------------------|-------------|--|
| d _K | 47 mm | Ball diameter |
| d ₃ | M36x3 | Thread size |
| h | 140 mm | Shank Length External thread rod |
| C ₁ | 21 mm | Width of the rod end |
| α | 6 ° | Tilt angle |
| l ₁ | 82 mm | Shank Length External thread head |
| l ₇ | 42 mm | Distance drilling with/shaft start |
| 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 _r | 0,037 - 0,1 | Radial Clearance |
| G _{rmax} | 0,1 mm | Radial clearance, maximum |
| G _{rmin} | 0,037 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