

**GAL70-UK-2RS** [↗](#)

Rod end

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

Technical information



Your current product variant

| | | |
|------------------------|------------------------|-------------------------|
| Clampable | Not clampable | |
| Mounting | External thread | |
| Grease nipples | Cannot be relubricated | |
| Slotted | No | |
| Thread Pitch | Left-hand thread | |
| Maintenance | Maintenance free | |
| Type of Seal | 2RS | Lip seals on both sides |
| Material sliding Layer | ELGOGLIDE | |

Main Dimensions & Performance Data

| | | |
|-------------|-----------|---------------------------|
| d_2 | 160 mm | Outer diameter eye |
| C_r | 883.000 N | Basic dynamic load rating |
| C_{0r} | 547.000 N | Basic static load rating |
| d | 70 mm | Bore diameter bearing |
| D | 105 mm | Outside diameter bearing |
| l_2 | 315 mm | Total length |
| B | 49 mm | Width inner ring |
| $\approx m$ | 8,72 kg | Weight |



Dimensions

| | | |
|------------|--------------|--|
| d_k | 92 mm | Ball diameter |
| d_1 | 77,9 mm | Outer flange diameter inner ring |
| d_3 | M56x4 | Thread size |
| h | 235 mm | Length of thread |
| C_1 | 42 mm | Width of the rod end |
| α | 6 ° | Tilt angle |
| l_1 | 125 mm | Thread length |
| l_7 | 87 mm | Length of the flat surface from the bearing bore centre to the shank |
| B_{UT} | -0,15 mm | Width inner ring , lower tolerance |
| B_{OT} | 0 mm | Width inner ring; upper tolerance |
| d_T | 0,015 | Bore diameter_bearing_tolerance |
| d_{UT} | -0,015 mm | Bore diameter, lower tolerance |
| d_{OT} | 0 mm | Bore diameter bearing upper tolerance |
| G_r | 0 - 0,072 mm | Radial clearance |
| G_{rmax} | 0,072 mm | Radial clearance, maximum |
| G_{rmin} | 0 mm | Radial clearance, minimum |

Temperature range

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

Mounting dimensions

| | | |
|----------|------|---|
| r_{1s} | 1 mm | Smallest single chamfer dimension, inner ring |
|----------|------|---|



Characteristics



Radial load



Axial load in one direction



Axial load in two directions



Lifetime lubrication, freedom from maintenance



Sealed on both sides



Static angular error and misalignment



Dynamic angular error and misalignment