

**GAR35-UK-2RS** [↗](#)

## Rod end

Rod end with external thread, right 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           | Right-hand thread           |
| Maintenance            | Maintenance free            |
| Type of Seal           | 2RS Lip seals on both sides |
| Material sliding Layer | ELGOGLIDE                   |

**Main Dimensions & Performance Data**

|             |           |                           |
|-------------|-----------|---------------------------|
| $d_2$       | 82 mm     | Outer diameter eye        |
| $C_r$       | 212.000 N | Basic dynamic load rating |
| $C_{0r}$    | 159.000 N | Basic static load rating  |
| $d$         | 35 mm     | Bore diameter bearing     |
| $D$         | 55 mm     | Outside diameter bearing  |
| $l_2$       | 181 mm    | Total length              |
| $B$         | 25 mm     | Width inner ring          |
| $\approx m$ | 1,513 kg  | Weight                    |



## Dimensions

|            |           |  |
|------------|-----------|--|
| $d_k$      | 47 mm     | Ball diameter  |
| $d_1$      | 39,7 mm   | Outer flange diameter inner ring                                     |
| $d_3$      | M36x3     | Thread size  |
| $h$        | 140 mm    | Length of thread   |
| $C_1$      | 21 mm     | Width of the rod end   |
| $\alpha$   | 6 °       | Tilt angle   |
| $l_1$      | 82 mm     | Thread length  |
| $l_7$      | 42 mm     | Length of the flat surface from the bearing bore centre to the shank |
| $B_{UT}$   | -0,12 mm  | Width inner ring , lower tolerance                                   |
| $B_{OT}$   | 0 mm      | Width inner ring; upper tolerance                                    |
| $d_{UT}$   | -0,012 mm | Bore diameter, lower tolerance                                       |
| $d_{OT}$   | 0 mm      | Bore diameter bearing upper tolerance                                |
| $G_r$      | 0 - 0,05  | Radial clearance   |
| $G_{rmax}$ | 0,05 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

|          |        |   |
|----------|--------|---|
| $r_{1s}$ | 0,6 mm | Smallest single chamfer dimension, inner ring |
|----------|--------|---|



## Characteristics

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Radial load



Lifetime lubrication, freedom from maintenance



Sealed on both sides



Static angular error and misalignment



Dynamic angular error and misalignment