



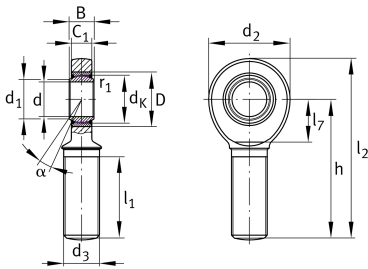
## GAL45-UK-2RS-A

### Rod end

Materiálové číslo Schaeffler:  
0066466700000

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

### Technické informace



#### Main Dimensions & Performance Data

|             |           |                           |
|-------------|-----------|---------------------------|
| $d_2$       | 102 mm    | Outer diameter eye        |
| $C_r$       | 360.000 N | Basic dynamic load rating |
| $C_{0r}$    | 259.000 N | Basic static load rating  |
| $d$         | 45 mm     | Bore diameter bearing     |
| $D$         | 68 mm     | Outside diameter bearing  |
| $l_2$       | 214 mm    | Total length              |
| $B$         | 32 mm     | Width inner ring          |
| $\approx m$ | 2,607 kg  | Hmotnost                  |

#### Dimensions

|           |           |                                                                      |
|-----------|-----------|----------------------------------------------------------------------|
| $d_k$     | 60 mm     | Ball diameter                                                        |
| $d_1$     | 50,7 mm   | Outer flange diameter inner ring                                     |
| $d_3$     | M42x3     | Thread size                                                          |
| $h$       | 163 mm    | Length of thread                                                     |
| $C_1$     | 27 mm     | Width of the rod end                                                 |
| alpha     | 7 °       | Tilt angle                                                           |
| $l_1$     | 94 mm     | Thread length                                                        |
| $l_7$     | 52 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 - 0,06  | Radial clearance                                                     |
| $G_{max}$ | 0,06 mm   | Radial clearance, maximum                                            |
| $G_{min}$ | 0 mm      | Radial clearance, minimum                                            |



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Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -30 °C | Operating temperature min. |
| T <sub>max</sub> | 130 °C | Operating temperature max. |

Mounting dimensions

|                 |        |                                               |
|-----------------|--------|-----------------------------------------------|
| r <sub>1s</sub> | 0,6 mm | Smallest single chamfer dimension, inner ring |
|-----------------|--------|-----------------------------------------------|