

**GIKR30-PB** [↗](#)

## Rod end



Rod end with internal thread, right hand thread, requiring maintenance, DIN ISO 12240-4. dimension series K, type F, open design

## Technical information



## Your current product variant

|                    |   |
|--------------------|---|
| Clampable          | Not clampable                           |
| Maintenance        | Maintenance required                    |
| Lubrication nipple | DIN71412-AS6<br>(tapered grease nipple) |
| Slotted            | No                                      |
| Thread Pitch       | Right-hand thread                       |
| Type of Seal       | Without                                 |
| Mounting           | Internal thread                         |

## Main Dimensions &amp; Performance Data

|                 |           |                                   |
|-----------------|-----------|-----------------------------------|
| d               | 30 mm     | Bore diameter bearing             |
| D               | 55 mm     | Outside diameter bearing          |
| B               | 37 mm     | Width inner ring                  |
| C <sub>r</sub>  | 63.500 N  | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 95.900 N  | Basic static load rating, radial  |
| G <sub>r</sub>  | 0 - 0,035 | Radial Clearance                  |
| ≈m              | 1,161 kg  | Weight                            |



## Dimensions

|                    |          |  |
|--------------------|----------|--|
| d <sub>K</sub>     | 50,8 mm  | Ball diameter                          |
| d <sub>1</sub>     | 34,8 mm  | Outer flange diameter inner ring       |
| d <sub>2</sub>     | 70 mm    | Outer eye diameter                     |
| d <sub>3</sub>     | M30x2    | Thread size                            |
| d <sub>4</sub>     | 40 mm    | Shank diameter                         |
| h <sub>1</sub>     | 110 mm   | Shank Length Internal thread head      |
| C <sub>1</sub>     | 25 mm    | Width of the rod end                   |
| α                  | 17 °     | Tilt angle                             |
| l <sub>3</sub>     | 51 mm    | Thread length Internal thread          |
| l <sub>4</sub>     | 145 mm   | Total length internal thread head      |
| l <sub>5</sub>     | 15 mm    | Length rod end shank                   |
| l <sub>7</sub>     | 37 mm    | Distance drilling with/shaft start     |
| d <sub>5</sub>     | 50 mm    | Shank diameter, large                  |
| r <sub>1smin</sub> | 0,3 mm   | Edge Spacing                           |
| W                  | 41 mm    | Width Across Flat                      |
| d <sub>OT</sub>    | 0,021 mm | Bore diameter bearing, upper tolerance |
| d <sub>UT</sub>    | 0 mm     | Bore diameter bearing, lower tolerance |
| d <sub>T</sub>     | H7       | Bore diameter bearing, tolerance       |
| B <sub>OT</sub>    | 0 mm     | Width inner ring, upper tolerance      |
| B <sub>UT</sub>    | -0,12 mm | Width inner ring, lower tolerance      |
| G <sub>rmax</sub>  | 0,035 mm | Radial clearance, maximum              |
| G <sub>rmin</sub>  | 0 mm     | Radial clearance, minimum              |

## Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -60 °C | Operating temperature min. |
| T <sub>max</sub> | 250 °C | Operating temperature max. |



### Characteristics

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Radial load



Grease Lubrication



Not sealed



Static angular error and misalignment



Dynamic angular error and misalignment