

**GIL70-UK-2RS** [↗](#)

## Rod end

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

## Technical information



## Your current product variant

Clampable	Not clampable	
Maintenance	Maintenance free	
Mounting	Internal thread	
Lubrication nipple	Cannot be relubricated	
Slotted	No	
Thread Pitch	Left-hand thread	
Sealing	2RS	Lip seals on both sides

## Main Dimensions &amp; Performance Data

$C_r$	883.000 N	Basic dynamic load rating, radial
$C_{0r}$	547.000 N	Basic static load rating, radial
d	70 mm	Bore diameter bearing
$d_2$	160 mm	Outer eye diameter
$l_4$	280 mm	Total length internal thread head
$\approx m$	8,8 kg	Weight



## Dimensions

C <sub>1</sub>	42 mm	Width of the rod end
D	105 mm	Outside diameter bearing
B	49 mm	Width inner ring
d <sub>K</sub>	92 mm	Ball diameter
d <sub>3</sub>	M56x4	Thread size
d <sub>4</sub>	80 mm	Shank diameter
d <sub>5</sub>	98 mm	Shank diameter, large
h <sub>1</sub>	200 mm	Shank Length Internal thread head
α	6 °	Tilt angle
l <sub>3</sub>	80 mm	Thread length Internal thread
l <sub>5</sub>	20 mm	Length rod end shank
l <sub>7</sub>	87 mm	Distance drilling with/shaft start
W	85 mm	Width Across Flat
d <sub>UT</sub>	-0,015 mm	Bore diameter bearing, lower tolerance
d <sub>T</sub>	0,015	Bore diameter bearing, tolerance
d <sub>OT</sub>	0 mm	Bore diameter bearing, upper tolerance
B <sub>UT</sub>	-0,15 mm	Width inner ring, lower tolerance
B <sub>OT</sub>	0 mm	Width inner ring, upper tolerance
G <sub>r</sub>	0 - 0,072	Radial Clearance
G <sub>rmin</sub>	0 mm	Radial clearance, minimum
G <sub>rmax</sub>	0,072 mm	Radial clearance, maximum

## Mounting dimensions








r <sub>1smin</sub>	1 mm	Edge Spacing
d <sub>1</sub>	77,9 mm	Outer flange diameter inner ring



### Temperature range

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

### 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