



## GIL80-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	
Type of Sealing	2RS	Lip seals on both sides

### Main Dimensions & Performance Data

$C_r$	1.130.000 N	Basic dynamic load rating, radial
$C_{0r}$	690.000 N	Basic static load rating, radial
d	80 mm	Bore diameter bearing
$d_2$	180 mm	Outer eye diameter
$l_4$	320 mm	Total length internal thread head
$\approx m$	13,2 kg	Weight



## Dimensions

C <sub>1</sub>	47 mm	Width of the rod end
D	120 mm	Outside diameter bearing
B	55 mm	Width inner ring
d <sub>K</sub>	105 mm	Ball diameter
d <sub>3</sub>	M64x4	Thread size
d <sub>4</sub>	95 mm	Shank diameter
d <sub>5</sub>	110 mm	Shank diameter, large
h <sub>1</sub>	230 mm	Shank Length Internal thread head
α	6 °	Tilt angle
l <sub>3</sub>	85 mm	Thread length Internal thread
l <sub>5</sub>	25 mm	Length rod end shank
l <sub>7</sub>	100 mm	Distance drilling with/shaft start
W	100 mm	Width Across Flat
d <sub>UT</sub>	-0,015 mm	Bore diameter bearing, lower 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>	89,4 mm	Outer flange diameter inner ring

## Temperature range

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



## 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