

**GIL60-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
Lubrication nipple	Cannot be relubricated
Slotted	No
Thread Pitch	Left-hand thread
Type of Seal	2RS Lip seals on both sides
Mounting	Internal thread

**Main Dimensions & Performance Data**

$C_r$	691.000 N	Basic dynamic load rating, radial
$C_{0r}$	485.000 N	Basic static load rating, radial
d	60 mm	Bore diameter bearing
$d_2$	135 mm	Outer eye diameter
$l_4$	242,5 mm	Total length internal thread head
$\approx m$	5,6 kg	Weight



### Dimensions

C <sub>1</sub>	38 mm	Width of the rod end
D	90 mm	Outside diameter bearing
B	44 mm	Width inner ring
d <sub>K</sub>	80 mm	Ball diameter
d <sub>3</sub>	M52x3	Thread size
d <sub>4</sub>	70 mm	Shank diameter
d <sub>5</sub>	88 mm	Shank diameter, large
h <sub>1</sub>	175 mm	Shank Length Internal thread head
α	6 °	Tilt angle
l <sub>3</sub>	70 mm	Thread length Internal thread
l <sub>5</sub>	20 mm	Length rod end shank
l <sub>7</sub>	75 mm	Distance drilling with/shaft start
W	75 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 - 0,06	Radial Clearance
G <sub>rmin</sub>	0 mm	Radial clearance, minimum
G <sub>rmax</sub>	0,06 mm	Radial clearance, maximum

### Mounting dimensions

r <sub>1smin</sub>	1 mm	Edge Spacing
d <sub>1</sub>	66,8 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