

**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	
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	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 ₁	38 mm	Width of the rod end
D	90 mm	Outside diameter bearing
B	44 mm	Width inner ring
d _K	80 mm	Ball diameter
d ₃	M52x3	Thread size
d ₄	70 mm	Shank diameter
d ₅	88 mm	Shank diameter, large
h ₁	175 mm	Shank Length Internal thread head
α	6 °	Tilt angle
l ₃	70 mm	Thread length Internal thread
l ₅	20 mm	Length rod end shank
l ₇	75 mm	Distance drilling with/shaft start
W	75 mm	Width Across Flat
d _{UT}	-0,015 mm	Bore diameter bearing, lower tolerance
d _{OT}	0 mm	Bore diameter bearing, upper tolerance
B _{UT}	-0,15 mm	Width inner ring, lower tolerance
B _{OT}	0 mm	Width inner ring, upper tolerance
G _r	0 - 0,06	Radial Clearance
G _{rmin}	0 mm	Radial clearance, minimum
G _{rmax}	0,06 mm	Radial clearance, maximum

Mounting dimensions

r _{1smin}	1 mm	Edge Spacing
d ₁	66,8 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



Lifetime lubrication, freedom from maintenance



Sealed on both sides



Static angular error and misalignment



Dynamic angular error and misalignment