

**GIL15-DO**

Rod end



Rod end with internal thread, left hand thread, requiring maintenance, sliding contact surface: steel/steel, DIN ISO 12240-4, dimension series E, type F, open design

Technical information



Your current product variant

Clampable	Not clampable	
Maintenance	Maintenance required	
Mounting	Internal thread	
Lubrication nipple	Lubrication hole	
Slotted	No	
Thread Pitch	Left-hand thread	
Type of Sealing	Without	
Radial internal clearance	CN (Group N)	Normal internal clearance

Main Dimensions & Performance Data

d	15 mm	Bore diameter bearing
D	26 mm	Outside diameter bearing
B	12 mm	Width inner ring
C _r	21.900 N	Basic dynamic load rating, radial
C _{0r}	44.800 N	Basic static load rating, radial
G _r	0,03 - 0,082	Radial Clearance
≈m	180 g	Weight



Dimensions

d _K	22 mm	Ball diameter
d ₁	18,4 mm	Outer flange diameter inner ring
d ₂	40 mm	Outer eye diameter
d ₃	M14	Thread size
d ₄	21 mm	Shank diameter
h ₁	61 mm	Shank Length Internal thread head
C ₁	10 mm	Width of the rod end
α	8 °	Tilt angle
l ₃	30 mm	Thread length Internal thread
l ₄	81 mm	Total length internal thread head
l ₅	8 mm	Length rod end shank
l ₇	20 mm	Distance drilling with/shaft start
d ₅	26 mm	Shank diameter, large
r _{1smin}	0,3 mm	Edge Spacing
W	22 mm	Width Across Flat
d _{OT}	0 mm	Bore diameter bearing, upper tolerance
d _{UT}	-0,008 mm	Bore diameter bearing, lower tolerance
B _{OT}	0 mm	Width inner ring, upper tolerance
B _{UT}	-0,12 mm	Width inner ring, lower tolerance
G _{rmax}	0,082 mm	Radial clearance, maximum
G _{rmin}	0,03 mm	Radial clearance, minimum

Temperature range

T _{min}	-50 °C	Operating temperature min.
T _{max}	200 °C	Operating temperature max.



Characteristics



Radial load



Grease Lubrication



Not sealed



Static angular error and misalignment



Dynamic angular error and misalignment