

**GIL12-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	
Lubrication nipple	Cannot be relubricated	
Slotted	No	
Thread Pitch	Left-hand thread	
Sealing	Without	
Radial internal clearance	CN (Group N)	Normal internal clearance
Mounting	Internal thread	

Main Dimensions & Performance Data

d	12 mm	Bore diameter bearing
D	22 mm	Outside diameter bearing
B	10 mm	Width inner ring
C_r	13.900 N	Basic dynamic load rating, radial
C_{0r}	30.400 N	Basic static load rating, radial
G_r	0,023 - 0,068	Radial Clearance
$\approx m$	0,096 kg	Weight



Dimensions

d _K	18 mm	Ball diameter
d ₁	14,9 mm	Outer flange diameter inner ring
d ₂	34 mm	Outer eye diameter
d ₃	M12	Thread size
d ₄	17,5 mm	Shank diameter
h ₁	50 mm	Shank Length Internal thread head
C ₁	8 mm	Width of the rod end
α	11 °	Tilt angle
l ₃	23 mm	Thread length Internal thread
l ₄	67 mm	Total length internal thread head
l ₅	6,5 mm	Length rod end shank
l ₇	18 mm	Distance drilling with/shaft start
d ₅	22 mm	Shank diameter, large
r _{1smin}	0,3 mm	Edge Spacing
W	19 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}	0,068 mm	Radial clearance, maximum
G _{rmin}	0,023 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