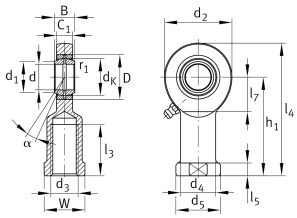
GIR10-DO

Rod end

Rod end with internal thread, right 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	Right-hand thread	
Sealing	Without	
Radial internal clearance	CN (Group N)	Normal internal clearance
Mounting	Internal thread	

Main Dimensions & Performance Data

d	10 mm	Bore diameter bearing
D	19 mm	Outside diameter bearing
B	9 mm	Width inner ring
C_r	10.600 N	Basic dynamic load rating, radial
C_{0r}	22.000 N	Basic static load rating, radial
G_r	0,023 - 0,068	Radial Clearance
≈m	65,026 g	Weight

Dimensions

d_K	16 mm	Ball diameter
d_1	13,2 mm	Outer flange diameter inner ring
d_2	29 mm	Outer eye diameter
d_3	M10	Thread size
d_4	15 mm	Shank diameter
h_1	43 mm	Shank Length Internal thread head
C_1	7 mm	Width of the rod end
α	12 °	Tilt angle
l_3	20 mm	Thread length Internal thread
l_4	57,5 mm	Total length internal thread head
l_5	6,5 mm	Length rod end shank
l_7	15 mm	Distance drilling with/shaft start
d_5	19 mm	Shank diameter, large
r_{1smin}	0,3 mm	Edge Spacing
W	17 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}	-60 °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