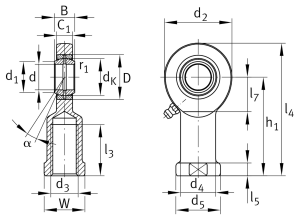
GIL20-DO

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 Seal	Without	
Radial internal clearance	CN (Group N)	Normal internal clearance

Main Dimensions & Performance Data

d	20 mm	Bore diameter bearing
D	35 mm	Outside diameter bearing
B	16 mm	Width inner ring
C_r	38.500 N	Basic dynamic load rating, radial
C_{0r}	75.600 N	Basic static load rating, radial
G_r	0,03 - 0,082	Radial Clearance
≈m	0,357 kg	Weight

The data sheet only contains an overview of the technical data of the selected product. Please refer to the additional documentation for this product. For further information, please use the following link on our website: Contact form

Dimensions

d_K	29 mm	Ball diameter
d_1	24,1 mm	Outer flange diameter inner ring
d_2	53 mm	Outer eye diameter
d_3	M20x1,5	Thread size
d_4	27,5 mm	Shank diameter
h_1	77 mm	Shank Length Internal thread head
C_1	13 mm	Width of the rod end
α	9 °	Tilt angle
l_3	40 mm	Thread length Internal thread
l_4	103,5 mm	Total length internal thread head
l_5	10 mm	Length rod end shank
l_7	27 mm	Distance drilling with/shaft start
d_5	35 mm	Shank diameter, large
r_{1smin}	0,3 mm	Edge Spacing
W	32 mm	Width Across Flat
d_{OT}	0 mm	Bore diameter bearing, upper tolerance
d_{UT}	-0,01 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.

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Characteristics

Radial load


Grease Lubrication


Not sealed


Static angular error and misalignment


Dynamic angular error and misalignment

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