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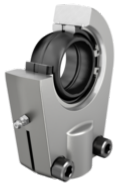
SCHAEFFLER

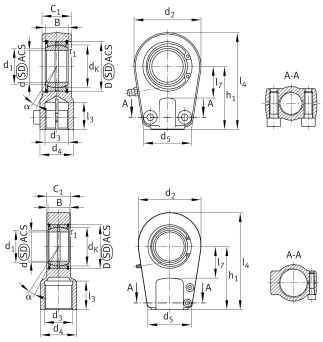


GIHRK20-DO

Rod end

Hydraulic rod end, with thread clamping device, right hand thread, requiring maintenance, sliding contact surface: steel/steel, open design

Technical information



Your current product variant

Clampable	Clampable	
Maintenance	Maintenance required	
Mounting	Internal thread	
Lubrication nipple	DIN71412-AM6 (tapered grease nipple)	
Slotted	Slotted, both sides	
Thread Pitch	Right-hand thread	
Type of Sealing	Without	
Radial internal clearance	CN (Group N)	Normal internal clearance

Main Dimensions & Performance Data

C_r	38.500 N	Basic dynamic load rating, radial
C_{0r}	81.100 N	Basic static load rating, radial
d	20 mm	Bore diameter bearing
d_2	56 mm	Outer eye diameter
l_4	80 mm	Total length internal thread head
D	35 mm	Outside diameter bearing
B	16 mm	Width inner ring
≈m	0,45 kg	Weight

Dimensions

α	9 °	Tilt angle
C_1	19 mm	Width of the rod end
d_K	29 mm	Ball diameter
d_3	M16x1,5	Thread size
d_4	25 mm	Shank diameter
d_5	46 mm	Shank diameter, large
d_7	M8x20	Diameter screw clamp
h_1	50 mm	Shank Length Internal thread head
l_3	17 mm	Thread length Internal thread
l_7	25 mm	Distance drilling with/shaft start
d_{UT}	-0,01 mm	Bore diameter bearing, lower tolerance
d_T	0,01	Bore diameter bearing, tolerance
d_{OT}	0 mm	Bore diameter bearing, upper tolerance
B_{UT}	-0,12 mm	Width inner ring, lower tolerance
B_{OT}	0 mm	Width inner ring, upper tolerance
M_A	32 Nm	Tightening torque
G_r	CN	Radial Clearance
G_{rmin}	0,03 mm	Radial clearance, minimum
G_{rmax}	0,082 mm	Radial clearance, maximum

Mounting dimensions

r_{1smin}	0,3 mm	Edge Spacing
d_1	24,2 mm	Outer flange diameter inner ring

Temperature range

T_{min}	-60 °C	Operating temperature min.
T_{max}	200 °C	Operating temperature max.

Characteristics

Radial load

Axial load in one direction

Axial load in two directions


Grease Lubrication


Not sealed


Static angular error and misalignment


Dynamic angular error and misalignment