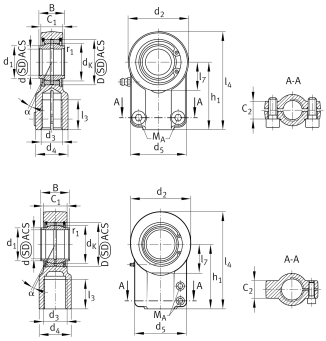
GIHNRK40-LO

Rod end

Hydraulic rod end, with thread clamping device, right hand thread, requiring maintenance, sliding contact surface: steel/ steel, DIN 24338 ISO 6982, open design

Technical information



Your current product variant

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

Main Dimensions & Performance Data

C_r	129.000 N	Basic dynamic load rating, radial
C_{0r}	219.000 N	Basic static load rating, radial
d	40 mm	Bore diameter bearing
d_2	89 mm	Outer eye diameter
l_4	146 mm	Total length internal thread head
D	62 mm	Outside diameter bearing
B	40 mm	Width inner ring
≈m	2,1 kg	Weight

Dimensions

α	4 °	Tilt angle
C_1	33 mm	Width of the rod end
C_2	26 mm	Width
d_K	53 mm	Ball diameter
d_3	M33x2	Thread size
d_4	47 mm	Shank diameter
d_5	80 mm	Shank diameter, large
d_7	M10x25	Diameter screw clamp
h_1	97 mm	Shank Length Internal thread head
l_3	46 mm	Thread length Internal thread
l_7	41 mm	Distance drilling with/shaft start
d_{UT}	0 mm	Bore diameter bearing, lower tolerance
d_T	H7	Bore diameter bearing, tolerance
d_{OT}	0,025 mm	Bore diameter bearing, upper tolerance
B_{UT}	-0,25 mm	Width inner ring, lower tolerance
B_{OT}	0 mm	Width inner ring, upper tolerance
M_A	64 Nm	Tightening torque
F_Z	80.000 N	Cylinder Force
G_r	CN	Radial Clearance
G_{rmin}	0,03 mm	Radial clearance, minimum
G_{rmax}	0,12 mm	Radial clearance, maximum

Mounting dimensions

r_{1smin}	0,6 mm	Edge Spacing
d_1	46 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