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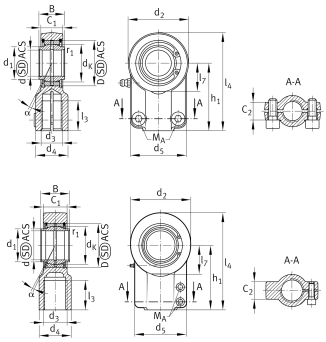
SCHAEFFLER

GIHNRK110-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	
Mounting	Internal thread clampable	
Lubrication nipple	DIN71412-AM6 (tapered grease nipple)	
Slotted	Slotted, one side	
Thread Pitch	Right-hand thread	
Sealing	Without	
Radial internal clearance	CN (Group N)	Normal internal clearance

Main Dimensions & Performance Data

C_r	851.000 N	Basic dynamic load rating, radial
C_{0r}	1.360.000 N	Basic static load rating, radial
d	110 mm	Bore diameter bearing
d_2	235 mm	Outer eye diameter
l_4	364 mm	Total length internal thread head
D	160 mm	Outside diameter bearing
B	110 mm	Width inner ring
≈m	31,97 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

α	4 °	Tilt angle
C_1	88 mm	Width of the rod end
C_2	62 mm	Width
d_K	140 mm	Ball diameter
d_3	M90x3	Thread size
d_4	125 mm	Shank diameter
d_5	190 mm	Shank diameter, large
d_7	M24x60	Diameter screw clamp
h_1	235 mm	Shank Length Internal thread head
l_3	114 mm	Thread length Internal thread
l_7	105 mm	Distance drilling with/shaft start
d_{UT}	0 mm	Bore diameter bearing, lower tolerance
d_T	H7	Bore diameter bearing, tolerance
d_{OT}	0,035 mm	Bore diameter bearing, upper tolerance
B_{UT}	-0,35 mm	Width inner ring, lower tolerance
B_{OT}	0 mm	Width inner ring, upper tolerance
M_A	660 Nm	Tightening torque
F_Z	635.000 N	Cylinder Force
G_r	CN	Radial Clearance
G_{rmin}	0,043 mm	Radial clearance, minimum
G_{rmax}	0,165 mm	Radial clearance, maximum

Mounting dimensions

r_{1smin}	1 mm	Edge Spacing
d_1	124 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