



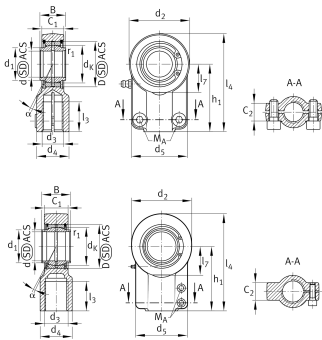
GIHNRK12-LO

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	Cannot be relubricated	
Slotted	Slotted, both sides	
Thread Pitch	Right-hand thread	
Sealing	Without	
Radial internal clearance	CN (Group N)	Normal internal clearance

Main Dimensions & Performance Data

C_r	13.900 N	Basic dynamic load rating, radial
C_{0r}	26.000 N	Basic static load rating, radial
d	12 mm	Bore diameter bearing
d_2	32 mm	Outer eye diameter
l_4	54 mm	Total length internal thread head
D	22 mm	Outside diameter bearing
B	12 mm	Width inner ring
$\approx m$	114,24 g	Weight



Dimensions

α	4 °	Tilt angle
C 1	11 mm	Width of the rod end
C 2	15 mm	Width
d _K	18 mm	Ball diameter
d ₃	M12x1,25	Thread size
d ₄	16 mm	Shank diameter
d ₅	32 mm	Shank diameter, large
d ₇	M5x16	Diameter screw clamp
h ₁	38 mm	Shank Length Internal thread head
l ₃	17 mm	Thread length Internal thread
l ₇	14 mm	Distance drilling with/shaft start
d _{UT}	0 mm	Bore diameter bearing, lower tolerance
d _T	H7	Bore diameter bearing, tolerance
d _{OT}	0,018 mm	Bore diameter bearing, upper tolerance
B _{UT}	-0,18 mm	Width inner ring, lower tolerance
B _{OT}	0 mm	Width inner ring, upper tolerance
M _A	8 Nm	Tightening torque
F _Z	8.000 N	Cylinder Force
G _r	CN	Radial Clearance
G _{rmin}	0,023 mm	Radial clearance, minimum
G _{rmax}	0,068 mm	Radial clearance, maximum

Mounting dimensions








r _{1smin}	0,3 mm	Edge Spacing
d ₁	15,5 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