

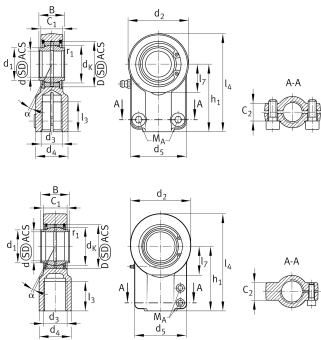
**GIHNRK160-LO**

## 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	
Type of Sealing	Without	
Radial internal clearance	CN (Group N)	Normal internal clearance

## Main Dimensions &amp; Performance Data

$C_r$	1.770.000 N	Basic dynamic load rating, radial
$C_{0r}$	2.580.000 N	Basic static load rating, radial
d	160 mm	Bore diameter bearing
$d_2$	326 mm	Outer eye diameter
$l_4$	488 mm	Total length internal thread head
D	230 mm	Outside diameter bearing
B	160 mm	Width inner ring
$\approx m$	82 kg	Weight



## Dimensions

$\alpha$	4 °	Tilt angle
C 1	130 mm	Width of the rod end
C 2	82 mm	Width
d K	200 mm	Ball diameter
d 3	M125x4	Thread size
d 4	165 mm	Shank diameter
d 5	250 mm	Shank diameter, large
d 7	M24x80	Diameter screw clamp
h 1	310 mm	Shank Length Internal thread head
l 3	126 mm	Thread length Internal thread
l 7	150 mm	Distance drilling with/shaft start
d UT	0 mm	Bore diameter bearing, lower tolerance
d T	H7	Bore diameter bearing, tolerance
d OT	0,04 mm	Bore diameter bearing, upper tolerance
B UT	-0,4 mm	Width inner ring, lower tolerance
B OT	0 mm	Width inner ring, upper tolerance
M A	660 Nm	Tightening torque
F Z	1.250.000 N	Cylinder Force
G r	CN	Radial Clearance
G rmin	0,05 mm	Radial clearance, minimum
G rmax	0,192 mm	Radial clearance, maximum

## Mounting dimensions








r 1smin	1 mm	Edge Spacing
d 1	177 mm	Outer flange diameter inner ring



### Temperature range

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

### Characteristics

-   $F_r$  Radial load
-   $F_a$  Axial load in one direction
-   $F_a$  Axial load in two directions
-  Grease Lubrication
-  Not sealed
-  Static angular error and misalignment
-  Dynamic angular error and misalignment