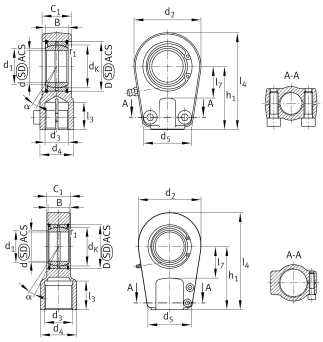
GIHRK110-UK-2RS

Rod end

Hydraulic rod end, with thread clamping device, right hand thread, maintenance-free, sliding layer: ELGOGLIDE, sealed design

Technical information



Your current product variant

Clampable	Clampable	
Maintenance	Maintenance free	
Lubrication nipple	Cannot be relubricated	
Slotted	Slotted, one side	
Thread Pitch	Right-hand thread	
Sealing	2RS	Lip seals on both sides
Mounting	Internal thread	

Main Dimensions & Performance Data

C_r	1.850.000 N	Basic dynamic load rating, radial
C_{0r}	1.700.000 N	Basic static load rating, radial
d	110 mm	Bore diameter bearing
D	160 mm	Outside diameter bearing
l_4	407,5 mm	Total length internal thread head
B	70 mm	Width inner ring,
d_2	265 mm	Outer eye diameter
≈m	43,8 kg	Weight

Dimensions

d_K	140 mm	Ball diameter
d_3	M120x3	Thread size
d_4	152 mm	Shank diameter
h_1	265 mm	Shank Length Internal thread head
C_1	80 mm	Width of the rod end
α	6 °	Tilt angle
l_3	125 mm	Thread length Internal thread
l_7	115 mm	Distance drilling with/shaft start
d_5	220 mm	Shank diameter, large
G_r	0 - 0,085 mm	Radial Clearance
M_A	660 Nm	Tightening torque
d_{OT}	0 mm	Bore diameter bearing, upper tolerance
d_{UT}	-0,02 mm	Bore diameter bearing, lower tolerance
B_{OT}	0 mm	Width inner ring, upper tolerance
B_{UT}	-0,2 mm	Width inner ring, lower tolerance
G_{rmax}	0,085 mm	Radial clearance, maximum
G_{rmin}	0 mm	Radial clearance, minimum

Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	130 °C	Operating temperature max.

Mounting dimensions

d_1	121,2 mm	Outer flange diameter inner ring
r_{1smin}	1 mm	Edge Spacing

Characteristics

Radial load

Axial load in one direction

Axial load in two directions

Lifetime lubrication, freedom from maintenance


Sealed on both sides


Static angular error and misalignment


Dynamic angular error and misalignment