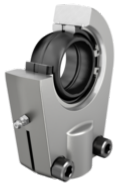
View product details on medias

15.05.2026, 13:38:05 UTC

SCHAEFFLER

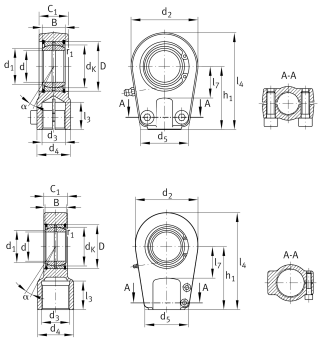


GIHRK60-DO

Rod end

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

Technical information



Your current product variant

Clampable	Clampable	
Maintenance	Maintenance required	
Mounting	Internal thread clampable	
Lubrication nipple	DIN71412-AS6 (tapered grease nipple)	
Slotted	Slotted, both sides	
Thread Pitch	Right-hand thread	
Type of Sealing	Without	
Radial internal clearance	CN (Group N)	Normal internal clearance

Main Dimensions & Performance Data

C_r	318.000 N	Basic dynamic load rating, radial
C_{0r}	327.000 N	Basic static load rating, radial
d	60 mm	Bore diameter bearing
d_2	130 mm	Outer eye diameter
l_4	200 mm	Total length internal thread head
D	90 mm	Outside diameter bearing
B	44 mm	Width inner ring
≈m	5,621 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	6 °	Tilt angle
C_1	50 mm	Width of the rod end
d_K	80 mm	Ball diameter
d_3	M58x1,5	Thread size
d_4	75 mm	Shank diameter
d_5	90 mm	Shank diameter, large
d_7	M10x45	Diameter screw clamp
h_1	130 mm	Shank Length Internal thread head
l_3	59 mm	Thread length Internal thread
l_7	65 mm	Distance drilling with/shaft start
d_{UT}	-0,015 mm	Bore diameter bearing, lower tolerance
d_{OT}	0 mm	Bore diameter bearing, upper tolerance
B_{UT}	-0,15 mm	Width inner ring, lower tolerance
B_{OT}	0 mm	Width inner ring, upper tolerance
M_A	46 Nm	Tightening torque
G_r	0,043 - 0,12	Radial Clearance
G_{rmin}	0,043 mm	Radial clearance, minimum
G_{rmax}	0,12 mm	Radial clearance, maximum

Mounting dimensions

r_{1smin}	1 mm	Edge Spacing
d_1	66,8 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