

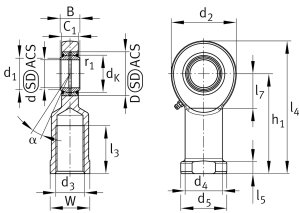
**GIR70-DO-2RS**

Rod end



Rod end with internal thread, right hand thread, requiring maintenance, sliding contact surface: steel/steel, DIN ISO 12240-4, dimension series E, type F, sealed

Technical information



Your current product variant

Clampable	Not clampable	
Maintenance	Maintenance required	
Lubrication nipple	DIN71412-AS6 (tapered grease nipple)	
Slotted	No	
Thread Pitch	Right-hand thread	
Sealing	2RS	Lip seals on both sides
Radial internal clearance	CN (Group N)	Normal internal clearance
Mounting	Internal thread	

Main Dimensions & Performance Data

d	70 mm	Bore diameter bearing
D	105 mm	Outside diameter bearing
B	49 mm	Width inner ring
C _r	407.000 N	Basic dynamic load rating, radial
C _{0r}	547.000 N	Basic static load rating, radial
G _r	0,055 - 0,142 mm	Radial Clearance
≈m	8,7 kg	Weight



Dimensions








d_K	92 mm	Ball diameter
d_1	77,9 mm	Outer flange diameter inner ring
d_2	160 mm	Outer eye diameter
d_3	M56x4	Thread size
d_4	80 mm	Shank diameter
h_1	200 mm	Shank Length Internal thread head
C_1	42 mm	Width of the rod end
α	6 °	Tilt angle
l_3	80 mm	Thread length Internal thread
l_4	280 mm	Total length internal thread head
l_5	20 mm	Length rod end shank
l_7	87 mm	Distance drilling with/shaft start
d_5	98 mm	Shank diameter, large
r_{1smin}	1 mm	Edge Spacing
W	85 mm	Width Across Flat
d_{OT}	0 mm	Bore diameter bearing, upper tolerance
d_{UT}	-0,015 mm	Bore diameter bearing, lower tolerance
B_{OT}	0 mm	Width inner ring, upper tolerance
B_{UT}	-0,15 mm	Width inner ring, lower tolerance
G_{rmax}	0,142 mm	Radial clearance, maximum
G_{rmin}	0,055 mm	Radial clearance, minimum

Temperature range

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



Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Grease Lubrication
-  Sealed on both sides
-  Static angular error and misalignment
-  Dynamic angular error and misalignment