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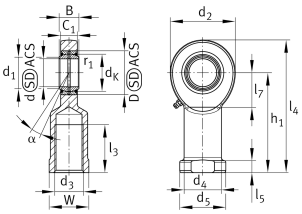
SCHAEFFLER

GIR60-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	
Mounting	Internal thread	
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

Main Dimensions & Performance Data

d	60 mm	Bore diameter bearing
D	90 mm	Outside diameter bearing
B	44 mm	Width inner ring
C_r	318.000 N	Basic dynamic load rating, radial
C_{0r}	405.000 N	Basic static load rating, radial
G_r	0,043 - 0,120 mm	Radial Clearance
≈m	5,6 kg	Weight

Dimensions

d_K	80 mm	Ball diameter
d_1	66,8 mm	Outer flange diameter inner ring
d_2	135 mm	Outer eye diameter
d_3	M52x3	Thread size
d_4	70 mm	Shank diameter
h_1	175 mm	Shank Length Internal thread head
C_1	38 mm	Width of the rod end
α	6 °	Tilt angle
l_3	70 mm	Thread length Internal thread
l_4	242,5 mm	Total length internal thread head
l_5	20 mm	Length rod end shank
l_7	75 mm	Distance drilling with/shaft start
d_5	88 mm	Shank diameter, large
r_{1smin}	1 mm	Edge Spacing
W	75 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}	0,12 mm	Radial clearance, maximum
G_{rmin}	0,043 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