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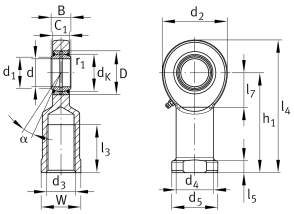
SCHAEFFLER

GIL40-DO-2RS

Rod end

Rod end with internal thread, left 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	Left-hand thread	
Type of Seal	2RS	Lip seals on both sides
Radial internal clearance	CN (Group N)	Normal internal clearance

Main Dimensions & Performance Data

d	40 mm	Bore diameter bearing
D	62 mm	Outside diameter bearing
B	28 mm	Width inner ring
C_r	129.000 N	Basic dynamic load rating, radial
C_{0r}	194.000 N	Basic static load rating, radial
G_r	0,043 - 0,12	Radial Clearance
≈m	2,069 kg	Weight

Dimensions

d_K	53 mm	Ball diameter
d_1	45 mm	Outer flange diameter inner ring
d_2	92 mm	Outer eye diameter
d_3	M39x3	Thread size
d_4	52 mm	Shank diameter
h_1	142 mm	Shank Length Internal thread head
C_1	23 mm	Width of the rod end
α	7 °	Tilt angle
l_3	65 mm	Thread length Internal thread
l_4	188 mm	Total length internal thread head
l_5	18 mm	Length rod end shank
l_7	48 mm	Distance drilling with/shaft start
d_5	65 mm	Shank diameter, large
r_{1smin}	0,6 mm	Edge Spacing
W	55 mm	Width Across Flat
d_{OT}	0 mm	Bore diameter bearing, upper tolerance
d_{UT}	-0,012 mm	Bore diameter bearing, lower tolerance
B_{OT}	0 mm	Width inner ring, upper tolerance
B_{UT}	-0,12 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


Grease Lubrication


Sealed on both sides


Static angular error and misalignment


Dynamic angular error and misalignment