

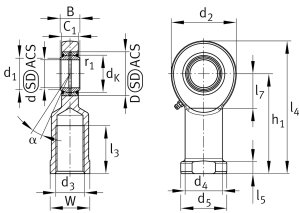
**GIL70-DO-2RS** [↗](#)

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	
Lubrication nipple	DIN71412-AM6 (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
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	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