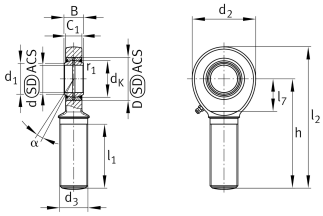
GAL70-DO-2RS

Rod end

Rod end with external thread, left hand thread, requiring maintenance, sliding contact surface: steel/steel, DIN ISO 12240-4, dimension series E, type M, sealed design

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	
Sealing	2RS	Lip seals on both sides
Radial internal clearance	CN (Group N)	Normal internal clearance
Mounting	External thread	

Main Dimensions & Performance Data

C_r	407.000 N	Basic dynamic load rating, radial
C_{0r}	547.000 N	Basic static load rating, radial
d	70 mm	Bore diameter bearing
D	105 mm	Outside diameter bearing
l_2	315 mm	Total length external thread head
B	49 mm	Width inner ring
d_2	160 mm	Outer eye diameter
≈m	8,73 kg	Weight

Mounting dimensions

d_1	77,9 mm	Outer flange diameter inner ring
r_{1smin}	1 mm	Edge Spacing

Dimensions

d_K	92 mm	Ball diameter
d_3	M56x4	Thread size
h	235 mm	Shank Length External thread rod
C_1	42 mm	Width of the rod end
α	6 °	Tilt angle
l_1	125 mm	Shank Length External thread head
l_7	87 mm	Distance drilling with/shaft start
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_r	0,055 - 0,142	Radial Clearance
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