

**GIL25-DO**

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, open design

Technical information



Your current product variant

Clampable	Not clampable	
Maintenance	Maintenance required	
Lubrication nipple	DIN71412-AS6 (tapered grease nipple)	
Slotted	No	
Thread Pitch	Left-hand thread	
Sealing	Without	
Radial internal clearance	CN (Group N)	Normal internal clearance
Mounting	Internal thread	

Main Dimensions & Performance Data

d	25 mm	Bore diameter bearing
D	42 mm	Outside diameter bearing
B	20 mm	Width inner ring
C_r	62.800 N	Basic dynamic load rating, radial
C_{0r}	88.300 N	Basic static load rating, radial
G_r	0,037 - 0,1	Radial Clearance
$\approx m$	0,66 kg	Weight



Dimensions

d _K	35,5 mm	Ball diameter
d ₁	29,3 mm	Outer flange diameter inner ring
d ₂	64 mm	Outer eye diameter
d ₃	M24x2	Thread size
d ₄	33,5 mm	Shank diameter
h ₁	94 mm	Shank Length Internal thread head
C ₁	17 mm	Width of the rod end
α	7 °	Tilt angle
l ₃	48 mm	Thread length Internal thread
l ₄	126 mm	Total length internal thread head
l ₅	12 mm	Length rod end shank
l ₇	32 mm	Distance drilling with/shaft start
d ₅	42 mm	Shank diameter, large
r _{1smin}	0,6 mm	Edge Spacing
W	36 mm	Width Across Flat
d _{OT}	0 mm	Bore diameter bearing, upper tolerance
d _{UT}	-0,01 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}	0,1 mm	Radial clearance, maximum
G _{rmin}	0,037 mm	Radial clearance, minimum

Temperature range

T _{min}	-50 °C	Operating temperature min.
T _{max}	200 °C	Operating temperature max.



Characteristics



Radial load



Grease Lubrication



Not sealed



Static angular error and misalignment



Dynamic angular error and misalignment