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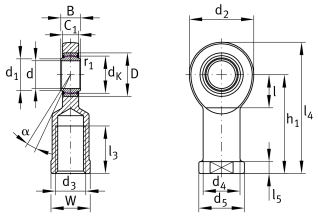
SCHAEFFLER

GIR50-UK-2RS

Rod end

Rod end with internal thread, maintenance-free, sliding layer: ELGOGLIDE, DIN ISO 12240-4, dimension series E, type F, inner ring curved surface with hard chromium coating, sealed, right hand thread

Technical information



Your current product variant

Clampable	Not clampable	
Maintenance	Maintenance free	
Lubrication nipple	Cannot be relubricated	
Slotted	No	
Thread Pitch	Right-hand thread	
Sealing	2RS	Lip seals on both sides
Mounting	Internal thread	

Main Dimensions & Performance Data

C_r	444.000 N	Basic dynamic load rating, radial
C_{0r}	314.000 N	Basic static load rating, radial
d	50 mm	Bore diameter bearing
d_2	112 mm	Outer eye diameter
l_4	216 mm	Total length internal thread head
≈m	3,54 kg	Weight

Dimensions

C_1	30 mm	Width of the rod end
D	75 mm	Outside diameter bearing
B	35 mm	Width inner ring
d_K	66 mm	Ball diameter
d_3	M45x3	Thread size
d_4	62 mm	Shank diameter
d_5	75 mm	Shank diameter, large
h_1	160 mm	Shank Length Internal thread head
α	6 °	Tilt angle
l_3	68 mm	Thread length Internal thread
l_5	20 mm	Length rod end shank
l_7	60 mm	Distance drilling with/shaft start
W	65 mm	Width Across Flat
d_{UT}	-0,012 mm	Bore diameter bearing, lower tolerance
d_{OT}	0 mm	Bore diameter bearing, upper tolerance
B_{UT}	-0,12 mm	Width inner ring, lower tolerance
B_{OT}	0 mm	Width inner ring, upper tolerance
G_r	0 - 0,06	Radial Clearance
G_{rmin}	0 mm	Radial clearance, minimum
G_{rmax}	0,06 mm	Radial clearance, maximum

Mounting dimensions

r_{1smin}	0,6 mm	Edge Spacing
d_1	55,9 mm	Outer flange diameter inner ring

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

Lifetime lubrication, freedom from maintenance


Sealed on both sides


Static angular error and misalignment


Dynamic angular error and misalignment