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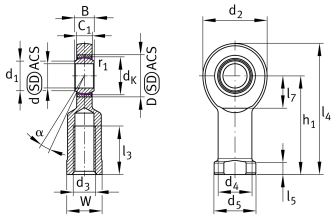
SCHAEFFLER

GIR17-UK

Rod end

Rod end with internal thread, maintenance-free, sliding layer: PTFE composite, DIN ISO 12240-4, dimension series E, type F, inner ring curved surface with hard chromium coating, open design, 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	Without
Mounting	Internal thread

Main Dimensions & Performance Data

C_r	22.500 N	Basic dynamic load rating, radial
C_{0r}	56.500 N	Basic static load rating, radial
d	17 mm	Bore diameter bearing
d_2	46 mm	Outer eye diameter
l_4	90 mm	Total length internal thread head
≈m	0,246 kg	Weight

Dimensions

C_1	11 mm	Width of the rod end
D	30 mm	Outside diameter bearing
B	14 mm	Width inner ring
d_K	25 mm	Ball diameter
d_3	M16	Thread size
d_4	24 mm	Shank diameter
d_5	30 mm	Shank diameter, large
h_1	67 mm	Shank Length Internal thread head
α	10 °	Tilt angle
l_3	34 mm	Thread length Internal thread
l_5	10 mm	Length rod end shank
l_7	23 mm	Distance drilling with/shaft start
W	27 mm	Width Across Flat
d_{UT}	-0,008 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 - 0,04	Radial Clearance
G_{rmin}	0 mm	Radial clearance, minimum
G_{rmax}	0,04 mm	Radial clearance, maximum

Mounting dimensions

r_{1smin}	0,3 mm	Edge Spacing
d_1	20,7 mm	Outer flange diameter inner ring

Temperature range

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

Characteristics

Radial load

Lifetime lubrication, freedom from maintenance


Not sealed


Static angular error and misalignment


Dynamic angular error and misalignment