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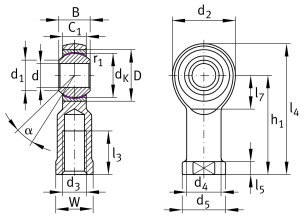
SCHAEFFLER

GIKPR12-PW

Rod end

Rod end with internal thread, right hand thread, maintenance-free, sliding layer: PTFE film, brass outer ring, DIN ISO 12240-4, dimension series K, type F, open design, with fine pitch thread connector for standard pneumatic cylinders to DIN ISO 15552

Technical information



Your current product variant

Clampable	Not clampable
Maintenance	Maintenance free
Mounting	Internal thread
Lubrication nipple	Cannot be relubricated
Slotted	No
Thread Pitch	Right-hand thread
Sealing	Without

Main Dimensions & Performance Data

C_r	24.000 N	Basic dynamic load rating, radial
C_{0r}	20.800 N	Basic static load rating, radial
d	12 mm	Bore diameter bearing
d_2	32 mm	Outer eye diameter
l_4	66 mm	Total length internal thread head
≈m	0,11 kg	Weight

Dimensions

C_1	12 mm	Width of the rod end
D	26 mm	Outside diameter bearing
B	16 mm	Width inner ring
d_K	22,225 mm	Ball diameter
d_3	M12x1,25	Thread size
d_4	17,5 mm	Shank diameter
d_5	22 mm	Shank diameter, large
h_1	50 mm	Shank Length Internal thread head
α	13 °	Tilt angle
l_3	22 mm	Thread length Internal thread
l_5	6,5 mm	Length rod end shank
l_7	17 mm	Distance drilling with/shaft start
W	19 mm	Width Across Flat
d_{UT}	0 mm	Bore diameter bearing, lower tolerance
d_T	H7	Bore diameter bearing, tolerance
d_{OT}	0,018 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 - 0,035	Radial Clearance
G_{rmin}	0 mm	Radial clearance, minimum
G_{rmax}	0,035 mm	Radial clearance, maximum

Mounting dimensions

r_{1smin}	0,3 mm	Edge Spacing
d_1	15,4 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