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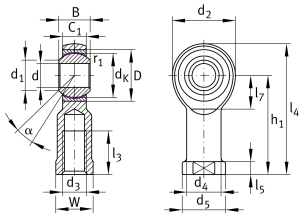
SCHAEFFLER

GIKPR16-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
Lubrication nipple	Cannot be relubricated
Slotted	No
Thread Pitch	Right-hand thread
Sealing	Without
Mounting	Internal thread

Main Dimensions & Performance Data

C_r	38.600 N	Basic dynamic load rating, radial
C_{0r}	45.300 N	Basic static load rating, radial
d	16 mm	Bore diameter bearing
d_2	42 mm	Outer eye diameter
l_4	85 mm	Total length internal thread head
≈m	0,236 kg	Weight

Dimensions

C_1	15 mm	Width of the rod end
D	32 mm	Outside diameter bearing
B	21 mm	Width inner ring
d_K	28,575 mm	Ball diameter
d_3	M16x1,5	Thread size
d_4	22 mm	Shank diameter
d_5	28 mm	Shank diameter, large
h_1	64 mm	Shank Length Internal thread head
α	15 °	Tilt angle
l_3	28 mm	Thread length Internal thread
l_5	8 mm	Length rod end shank
l_7	23 mm	Distance drilling with/shaft start
W	22 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	19,3 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