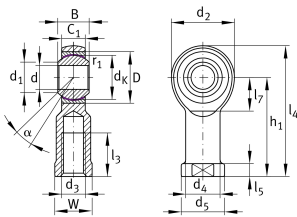


**GIKPR16-PW** [↗](#)

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

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
$\approx m$	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