

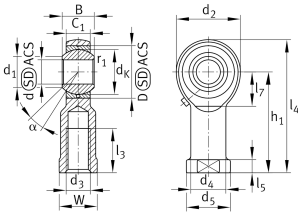
**GIKLB18-PC**

Rod end



Rod end with internal thread, left hand thread,
requiring maintenance, DIN ISO 12240-4.
dimension series K, type F, open design

Technical information



Your current product variant

Clampable	Not clampable	
Maintenance	Maintenance required	
Mounting	Internal thread	
Lubrication nipple	DIN71412-AS6 (tapered grease nipple)	
Slotted	No	
Thread Pitch	Left-hand thread	
Type of Sealing	Without	
Radial internal clearance	CN (Group N)	Normal internal clearance

Main Dimensions & Performance Data

d	18 mm	Bore diameter bearing
D	35 mm	Outside diameter bearing
B	23 mm	Width inner ring
C _r	24.400 N	Basic dynamic load rating, radial
C _{0r}	36.900 N	Basic static load rating, radial
G _r	0,003 - 0,049 mm	Radial Clearance
≈m	0,313 kg	Weight



Dimensions

d _K	31,75 mm	Ball diameter
d ₁	21,9 mm	Outer flange diameter inner ring
d ₂	47 mm	Outer eye diameter
d ₃	M18x1,5-LH	Thread size
d ₄	25 mm	Shank diameter
h ₁	71 mm	Shank Length Internal thread head
C ₁	16,5 mm	Width of the rod end
α	15 °	Tilt angle
l ₃	27 mm	Thread length Internal thread
l ₄	94,5 mm	Total length internal thread head
l ₅	10 mm	Length rod end shank
l ₇	23 mm	Distance drilling with/shaft start
d ₅	32 mm	Shank diameter, large
r _{1smin}	0,3 mm	Edge Spacing
W	27 mm	Width Across Flat
d _{OT}	0,018 mm	Bore diameter bearing, upper tolerance
d _{UT}	0 mm	Bore diameter bearing, lower tolerance
d _T	H7	Bore diameter bearing, tolerance
B _{OT}	0 mm	Width inner ring, upper tolerance
B _{UT}	-0,12 mm	Width inner ring, lower tolerance
G _{rmax}	0,049 mm	Radial clearance, maximum
G _{rmin}	0,003 mm	Radial clearance, minimum

Temperature range

T _{min}	-60 °C	Operating temperature min.
T _{max}	250 °C	Operating temperature max.



Characteristics



Radial load



Axial load in one direction



Axial load in two directions



Grease Lubrication



Not sealed



Static angular error and misalignment



Dynamic angular error and misalignment