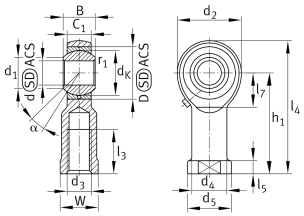
GIKLB22-PC

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	
Lubrication nipple	DIN71412-AS6 (tapered grease nipple)	
Slotted	No	
Thread Pitch	Left-hand thread	
Sealing	Without	
Radial internal clearance	CN (Group N)	Normal internal clearance
Mounting	Internal thread	

Main Dimensions & Performance Data

d	22 mm	Bore diameter bearing
D	42 mm	Outside diameter bearing
B	28 mm	Width inner ring
C_r	35.800 N	Basic dynamic load rating, radial
C_{0r}	48.800 N	Basic static load rating, radial
G_r	0,004 - 0,059 mm	Radial Clearance
≈m	0,531 kg	Weight

Dimensions

d_K	38,1 mm	Ball diameter
d_1	25,8 mm	Outer flange diameter inner ring
d_2	55 mm	Outer eye diameter
d_3	M22x1,5	Thread size
d_4	30 mm	Shank diameter
h_1	84 mm	Shank Length Internal thread head
C_1	20 mm	Width of the rod end
α	15 °	Tilt angle
l_3	33 mm	Thread length Internal thread
l_4	111,5 mm	Total length internal thread head
l_5	12 mm	Length rod end shank
l_7	27 mm	Distance drilling with/shaft start
d_5	40 mm	Shank diameter, large
r_{1smin}	0,3 mm	Edge Spacing
W	32 mm	Width Across Flat
d_{OT}	0,021 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}	0,059 mm	Radial clearance, maximum
G_{rmin}	0,004 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