

**GIKR25-PB** [🔗](#)

Rod end



Rod end with internal thread, right 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	Right-hand thread
Sealing	Without
Mounting	Internal thread

Main Dimensions & Performance Data

d	25 mm	Bore diameter bearing
D	47 mm	Outside diameter bearing
B	31 mm	Width inner ring
C _r	47.100 N	Basic dynamic load rating, radial
C _{0r}	72.900 N	Basic static load rating, radial
G _r	0 - 0,035	Radial Clearance
≈m	0,73 kg	Weight



Dimensions

d _K	42,85 mm	Ball diameter
d ₁	29,5 mm	Outer flange diameter inner ring
d ₂	60 mm	Outer eye diameter
d ₃	M24x2	Thread size
d ₄	33,5 mm	Shank diameter
h ₁	94 mm	Shank Length Internal thread head
C ₁	22 mm	Width of the rod end
α	15 °	Tilt angle
l ₃	42 mm	Thread length Internal thread
l ₄	124 mm	Total length internal thread head
l ₅	12 mm	Length rod end shank
l ₇	32 mm	Distance drilling with/shaft start
d ₅	42 mm	Shank diameter, large
r _{1smin}	0,3 mm	Edge Spacing
W	36 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}	0,035 mm	Radial clearance, maximum
G _{rmin}	0 mm	Radial clearance, minimum

Temperature range

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



Characteristics



Radial load



Grease Lubrication



Not sealed



Static angular error and misalignment



Dynamic angular error and misalignment