

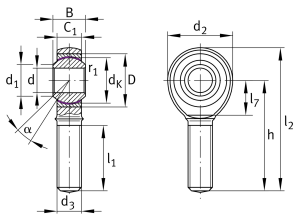


GAKR16-PW

Rod end

Rod end GAKR..-PW, external threads,
maintenance-free

Technical information



Your current product variant

Clampable	Not clampable
Grease nipples	Cannot be relubricated
Slotted	No
Thread Pitch	Right-hand thread
Maintenance	Maintenance free
Type of Seal	Without
Material sliding Layer	Sliding foil
Mounting bolt	External thread

Main Dimensions & Performance Data

d 2	42 mm	Outer diameter eye
C r	38.600 N	Basic dynamic load rating
C 0r	45.300 N	Basic static load rating
d	16 mm	Bore diameter bearing
D	32 mm	Outside diameter bearing
l 2	87 mm	Total length
B	21 mm	Width inner ring
≈m	0,207 kg	Weight



Dimensions

d _k	28,575 mm	Ball diameter
d ₁	19,3 mm	Outer flange diameter inner ring
d ₃	M16	Thread size
h	66 mm	Length of thread
C ₁	15 mm	Width of the rod end
alpha	15 °	Tilt angle
l ₁	37 mm	Thread length
l ₇	23 mm	Length of the flat surface from the bearing bore centre to the shank
B _{UT}	-0,12 mm	Width inner ring , lower tolerance
B _{OT}	0 mm	Width inner ring; upper tolerance
d _T	H7	Bore diameter_bearing_tolerance
d _{UT}	0 mm	Bore diameter, lower tolerance
d _{OT}	0,018 mm	Bore diameter bearing upper tolerance
G _r	0 - 0,035	Radial clearance
G _{rmax}	0,035 mm	Radial clearance, maximum
G _{rmin}	0 mm	Radial clearance, minimum

Temperature range

T _{min}	-50 °C	Operating temperature min.
T _{max}	200 °C	Operating temperature max.

Mounting dimensions

r _{1s}	0,3 mm	Smallest single chamfer dimension, inner ring
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Characteristics



Radial load



Lifetime lubrication, freedom from maintenance



Not sealed



Static angular error and misalignment



Dynamic angular error and misalignment