

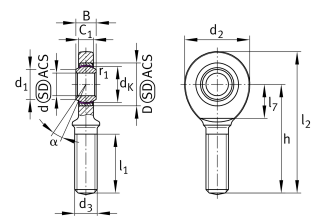


GAR10-UK

Rod end

Rod end with external thread, right hand thread, maintenance-free, sliding layer: PTFE composite, DIN ISO 12240-4, dimension series E, type M, inner ring curved surface with hard chromium coating, open design

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
Mounting bolt	External thread

Main Dimensions & Performance Data

d 2	29 mm	Outer diameter eye
C r	8.640 N	Basic dynamic load rating
C 0r	20.600 N	Basic static load rating
d	10 mm	Bore diameter bearing
D	19 mm	Outside diameter bearing
l 2	62,5 mm	Total length
B	9 mm	Width inner ring
≈m	53,374 g	Weight



Dimensions

d _k	16 mm	Ball diameter
d ₁	13,2 mm	Outer flange diameter inner ring
d ₃	M10	Thread size
h	48 mm	Length of thread
C ₁	7 mm	Width of the rod end
alpha	12 °	Tilt angle
l ₁	26 mm	Thread length
l ₇	15 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 _{UT}	-0,008 mm	Bore diameter, lower tolerance
d _{OT}	0 mm	Bore diameter bearing upper tolerance
G _r	0 - 0,032	Radial clearance
G _{rmax}	0,032 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