

**GAR8-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
Sealing	Without
Mounting	External thread

Main Dimensions & Performance Data

d ₂	24 mm	Outer diameter eye
C _r	5.850 N	Basic dynamic load rating
C _{0r}	12.900 N	Basic static load rating
d	8 mm	Bore diameter bearing
D	16 mm	Outside diameter bearing
l ₂	54 mm	Total length
B	8 mm	Width inner ring
≈m	33 g	Weight



Dimensions

d_k	13 mm	Ball diameter
d_1	10,2 mm	Outer flange diameter inner ring
d_3	M8	Thread size
h	42 mm	Length of thread
C_1	6 mm	Width of the rod end
α	15 °	Tilt angle
l_1	22 mm	Thread length
l_7	14 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