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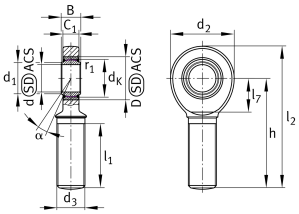
SCHAEFFLER

GAR80-UK-2RS

Rod end

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

Technical information



Your current product variant

Clampable	Not clampable	
Mounting	External thread	
Grease nipples	Cannot be relubricated	
Slotted	No	
Thread Pitch	Right-hand thread	
Maintenance	Maintenance free	
Type of Seal	2RS	Lip seals on both sides
Material sliding Layer	ELGOGLIDE	

Main Dimensions & Performance Data

d_2	180 mm	Outer diameter eye
C_r	1.130.000 N	Basic dynamic load rating
C_{0r}	667.000 N	Basic static load rating
d	80 mm	Bore diameter bearing
D	120 mm	Outside diameter bearing
l_2	360 mm	Total length
B	55 mm	Width inner ring
≈m	12,6 kg	Weight

The data sheet only contains an overview of the technical data of the selected product. Please refer to the additional documentation for this product. For further information, please use the following link on our website: Contact form

Dimensions

d_k	105 mm	Ball diameter
d_1	89,4 mm	Outer flange diameter inner ring
d_3	M64x4	Thread size
h	270 mm	Length of thread
C_1	47 mm	Width of the rod end
alpha	6 °	Tilt angle
l_1	140 mm	Thread length
l_7	100 mm	Length of the flat surface from the bearing bore centre to the shank
B_{UT}	-0,15 mm	Width inner ring , lower tolerance
B_{OT}	0 mm	Width inner ring; upper tolerance
d_T	0,015	Bore diameter_bearing_tolerance
d_{UT}	-0,015 mm	Bore diameter, lower tolerance
d_{OT}	0 mm	Bore diameter bearing upper tolerance
G_r	0 - 0,072 mm	Radial clearance
G_{rmax}	0,072 mm	Radial clearance, maximum
G_{rmin}	0 mm	Radial clearance, minimum

Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	130 °C	Operating temperature max.

Mounting dimensions

r_{1s}	1 mm	Smallest single chamfer dimension, inner ring

Characteristics

Radial load

Axial load in one direction

Axial load in two directions

Lifetime lubrication, freedom from maintenance


Sealed on both sides


Static angular error and misalignment


Dynamic angular error and misalignment