

**GAR50-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	
Grease nipples	Cannot be relubricated	
Slotted	No	
Thread Pitch	Right-hand thread	
Maintenance	Maintenance free	
Sealing	2RS	Lip seals on both sides
Material sliding Layer	ELGOGLIDE	
Mounting	External thread	

Main Dimensions & Performance Data

d_2	112 mm	Outer diameter eye
C_r	444.000 N	Basic dynamic load rating
C_{0r}	314.000 N	Basic static load rating
d	50 mm	Bore diameter bearing
D	75 mm	Outside diameter bearing
l_2	241 mm	Total length
B	35 mm	Width inner ring
$\approx m$	3,364 kg	Weight



Dimensions

d_k	66 mm	Ball diameter
d_1	55,9 mm	Outer flange diameter inner ring
d_3	M45x3	Thread size
h	185 mm	Length of thread
C_1	30 mm	Width of the rod end
α	6 °	Tilt angle
l_1	107 mm	Thread length
l_7	60 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}	-0,012 mm	Bore diameter, lower tolerance
d_{OT}	0 mm	Bore diameter bearing upper tolerance
G_r	0 - 0,06	Radial clearance
G_{rmax}	0,06 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}	0,6 mm	Smallest single chamfer dimension, inner ring
----------	--------	---



Characteristics



Radial load



Lifetime lubrication, freedom from maintenance



Sealed on both sides



Static angular error and misalignment



Dynamic angular error and misalignment