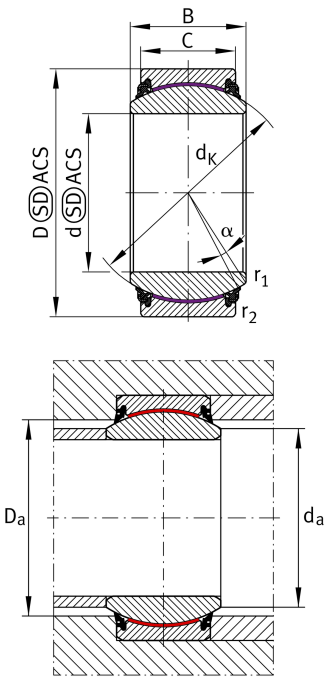
GE280-UK-2TS

Spherical plain bearing

Radial spherical plain bearing, maintenance-free, sliding layer: ELGOGLIDE, DIN ISO 12240-1, Tolerances of the outside diameter and bore not according to DIN ISO 12240-1, dimension series E, sealed

Informacje techniczne



Twoja aktualna wersja produktu

Maintenance	Maintenance free	
Sealing	2TS	Integrated triple lip high performance seals on both sides
Bore lining	Without	
Coating	Without	
Fabric	ELGOGLIDE	
Material	Steel	

Main Dimensions & Performance Data

d	280 mm	Bore diameter bearing
C_r	10.100.000 N	Basic dynamic load rating, radial
D	400 mm	Outside diameter bearing
B	155 mm	Width inner ring
C	120 mm	Width Outer ring
C_{0r}	16.800.000 N	Basic static load rating, radial
≈m	63,5 kg	Masa

Mounting dimensions

r_{1smin}	1,1 mm	Edge Spacing
r_{2smin}	1,1 mm	Edge Spacing
D_{amin}	342 mm	Housing Connection Diameter
d_{amax}	313,8 mm	Connection measurement, inner ring

Dimensions

d_K	350 mm	Ball diameter
α	6 °	Tilt angle
D_{OT}	0 mm	Outside diameter, upper tolerance
D_{UT}	-0,04 mm	Outside diameter, lower tolerance
B_{OT}	0 mm	Width inner ring, upper tolerance
d_{UT}	-0,035 mm	Bore diameter bearing, lower tolerance
B_{UT}	-0,35 mm	Width inner ring, lower tolerance
d_{OT}	0 mm	Bore diameter bearing, upper tolerance
C_{OT}	0 mm	Width outer ring, upper tolerance
C_{UT}	-0,8 mm	Width outer ring, lower tolerance
G_r	0 - 0,125	Radial Clearance
G_{rmax}	0,125 mm	Radial clearance, maximum
G_{rmin}	0 mm	Radial clearance, minimum

Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	100 °C	Operating temperature max.

Właściwości

- Obciążenie promieniowe
- Obciążenie osiowe jednokierunkowe
- Obciążenie osiowe dwukierunkowe
- Smarowanie dożywotnie, bezobsługowe
- Uszczelnienie dwustronne
- Nieosiowość statyczna
- Nieosiowość dynamiczna