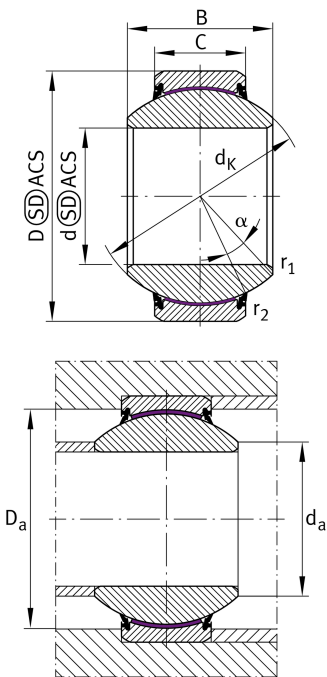


GE100-FW-2RS

Spherical plain bearing

Radial spherical plain bearing, maintenance-free, sliding layer: ELGOGLIDE, inner ring curved surface with hard chromium coating, DIN ISO 12240-1, dimension series G, sealed

Informacje techniczne



Twoja aktualna wersja produktu

Maintenance	Maintenance free	
Type of Seal	2RS	Lip seal on both sides
Bore lining	Without	
Coating	Without	
Fabric	ELGOGLIDE	
Material	Steel	

Main Dimensions & Performance Data

d	100 mm	Bore diameter bearing
C _r	1.850.000 N	Basic dynamic load rating, radial
D	160 mm	Outside diameter bearing
B	85 mm	Width inner ring
C	55 mm	Width Outer ring
C _{0r}	3.080.000 N	Basic static load rating, radial
m	5,86 kg	Masa

Mounting dimensions

r _{1min}	1 mm	Edge Spacing
r _{2min}	1 mm	Edge Spacing
D _{amin}	134 mm	Housing Connection Diameter
d _{amax}	111,2 mm	Connection measurement, inner ring



Dimensions

d _K	140 mm	Ball diameter
α	14 °	Tilt angle
D _{OT}	0 mm	Outside diameter, upper tolerance
D _{UT}	-0,025 mm	Outside diameter, lower tolerance
B _{OT}	0 mm	Width inner ring, upper tolerance
d _{UT}	-0,02 mm	Bore diameter bearing, lower tolerance
B _{UT}	-0,2 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}	-0,5 mm	Width outer ring, lower tolerance
G _r	0 - 0,085	Radial Clearance
G _{rmax}	0,085 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.

Właściwości

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