

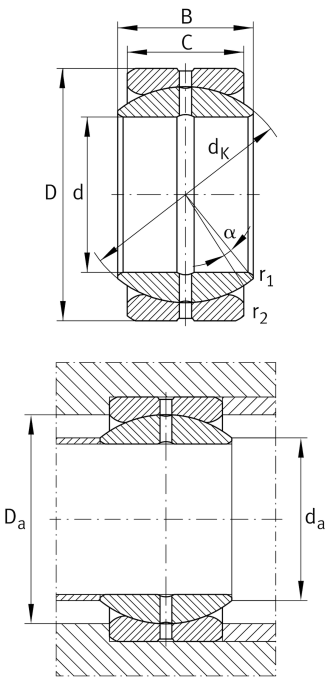


GE31-ZO-2RS-E

Spherical plain bearing

Radial spherical plain bearing, requiring maintenance, sliding contact surface: steel/ steel, inch size, sealed design

Informacje techniczne



Twoja aktualna wersja produktu

Maintenance	Maintenance required	
Material	Steel	
Sealing	2RS	Lip seals on both sides
Radial internal clearance	CN (Group N)	Normal internal clearance
Coating	Durotect M	Inner- and outer ring coated with Durotect M (Manganese Phosphate)

Main Dimensions & Performance Data

d	31,75 mm	Bore diameter bearing
D	50,8 mm	Outside diameter bearing
B	27,762 mm	Width inner ring
C _r	86.600 N	Basic dynamic load rating, radial
C _{0r}	433.000 N	Basic static load rating, radial
≈m	0,22 kg	Masa

Mounting dimensions

r _{1smin}	0,6 mm	Edge Spacing
r _{2smin}	0,6 mm	Edge Spacing
d _{a max}	36 mm	Connection measure Inner ring
D _{a min}	40,5 mm	Housing Connection Diameter



Dimensions

C	23,8 mm	Width Outer ring
d _K	45,5 mm	Ball diameter
α	6 °	Tilt angle
d _{OT}	0 mm	Bore diameter bearing, upper tolerance
d _{UT}	-0,012 mm	Bore diameter bearing, lower tolerance
d _T	0,012	Bore diameter bearing, tolerance
D _{OT}	0 mm	Outside diameter, upper tolerance
D _{UT}	-0,013 mm	Outside diameter, lower tolerance
B _{OT}	0 mm	Width inner ring, upper tolerance
B _{UT}	0 mm	Width inner ring, lower tolerance
C _{OT}	0 mm	Width outer ring, upper tolerance
C _{UT}	-0,3 mm	Width outer ring, lower tolerance
G _r	0,08-0,18	Radial Clearance
G _{rmax}	0,18 mm	Radial clearance, maximum
G _{rmin}	0,08 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 smarem



Uszczelnienie dwustronne



Nieosiowość statyczna



Nieosiowość dynamiczna