

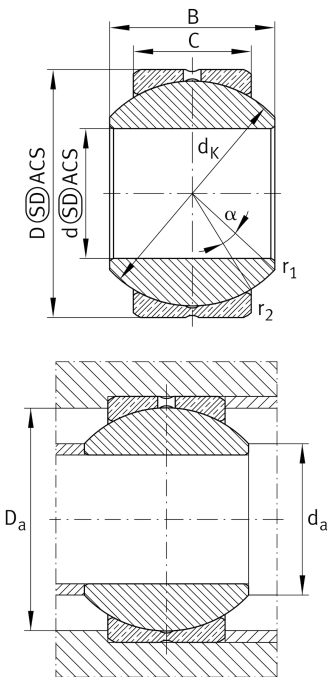


GE30-PB

Spherical plain bearing

Radial spherical plain bearing, requiring maintenance, sliding contact surface: steel/bronze, DIN ISO 12240-1, dimension series K, open design

Informacje techniczne



Twoja aktualna wersja produktu

Maintenance	Maintenance required	
Material	Steel	
Sealing	Without	
Radial internal clearance	CN (Group N)	Normal internal clearance
Coating	Without	

Main Dimensions & Performance Data

d	30 mm	Bore diameter bearing
D	55 mm	Outside diameter bearing
B	37 mm	Width inner ring
C _r	63.500 N	Basic dynamic load rating, radial
C _{0r}	159.000 N	Basic static load rating, radial
≈m	0,385 kg	Masa

Mounting dimensions

r _{1smin}	0,3 mm	Edge Spacing
r _{2smin}	0,6 mm	Edge Spacing
d _{a max}	34,8 mm	Connection measure Inner ring
D _{a min}	46 mm	Housing Connection Diameter



Dimensions

C	25 mm	Width Outer ring
d _K	50,8 mm	Ball diameter
α	17 °	Tilt angle
d _{OT}	0,021 mm	Bore diameter bearing, upper tolerance
d _{UT}	0 mm	Bore diameter bearing, lower tolerance
d _T	H7	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}	-0,12 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	0,006 - 0,035	Radial Clearance
G _{rmax}	0,035 mm	Radial clearance, maximum
G _{rmin}	0,006 mm	Radial clearance, minimum

Temperature range

T _{min}	-60 °C	Operating temperature min.
T _{max}	250 °C	Operating temperature max.



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Bez uszczelnienia



Nieosiowość statyczna



Nieosiowość dynamiczna