



GE35-UK-2RS

Spherical plain bearing

Schaeffler ID:
0066502280000

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

Technical information

Main Dimensions & Performance Data

D	55 mm	Outside diameter bearing
d	35 mm	Bore diameter bearing
B	25 mm	Width Inner ring
C	20 mm	Width Outer ring
C _r	212.000 N	Basic dynamic load rating, radial
C _{0r}	353.000 N	Basic static load rating, radial
	0,212 kg	Weight

Dimensions

d _K	47 mm	Ball diameter
α	6 °	Tilt angle
G _r	0 - 0,05 mm	Radial Clearance
d _{OT}	0 mm	Bore diameter bearing, upper tolerance
d _{UT}	-0,012 mm	Bore diameter bearing, lower 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

Mounting dimensions

r _{1smin}	0,6 mm	Edge Spacing
r _{2smin}	1 mm	Edge Spacing
d _{a max}	39,8 mm	Connection measure Inner ring
D _{a min}	44,5 mm	Housing Connection Diameter

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	130 °C	Operating temperature max.