



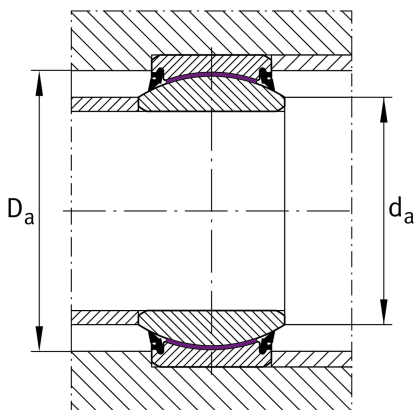
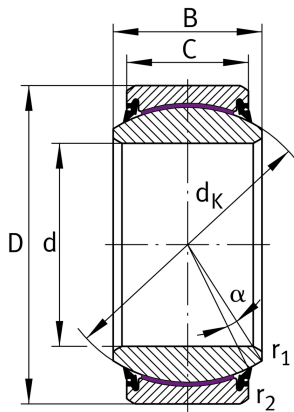
GE30-UK-2RS

Spherical plain bearing

Schaeffler ID:
0066501550000

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	47 mm	Outside diameter bearing
d	30 mm	Bore diameter bearing
B	22 mm	Width Inner ring
C	18 mm	Width Outer ring
C_r	165,000 N	Basic dynamic load rating, radial
C_{0r}	275,000 N	Basic static load rating, radial
	0.136 kg	Weight

Dimensions

d_k	40.7 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}	-0.01 mm	Bore diameter bearing, lower tolerance
D_{OT}	0 mm	Outside diameter, upper tolerance
D_{UT}	-0.011 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

Mounting dimensions

r_{1smin}	0.6 mm	Edge Spacing
r_{2smin}	0.6 mm	Edge Spacing
d_{amax}	34.2 mm	Connection measure Inner ring
D_{amin}	38 mm	Housing Connection Diameter

Temperature range

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