



## GE20-FO-2RS

### Spherical plain bearing

Schaeffler ID:  
0066480370000

Radial spherical plain bearing, requiring maintenance, sliding contact surface: steel/steel, DIN ISO 12240-1, dimension series G, sealed

#### Technical information

#### Main Dimensions & Performance Data

d	20 mm	Bore diameter bearing
D	42 mm	Outside diameter bearing
B	25 mm	Width Inner ring
$C_r$	48.300 N	Basic dynamic load rating, radial
$C_{0r}$	241.000 N	Basic static load rating, radial
	0,147 kg	Weight

#### Dimensions

C	16 mm	Width Outer ring
$d_K$	35,5 mm	Ball diameter
$\alpha$	17 °	Tilt angle
$r_{1\text{min}}$	0,3 mm	Edge Spacing
$r_{2\text{min}}$	0,6 mm	Edge Spacing
$d_{OT}$	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
$G_r$	0,05 - 0,1 mm	Radial Clearance
$B_{UT}$	-0,12 mm	Width inner ring, lower tolerance
$C_{OT}$	0 mm	Width outer ring, upper tolerance
$C_{UT}$	-0,24 mm	Width outer ring, lower tolerance

#### Mounting dimensions

$d_{a\text{max}}$	25,2 mm	Connection measure Inner ring
$D_{a\text{min}}$	33 mm	Housing Connection Diameter

#### Temperature range

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

