



## GE30-FW-2RS

### Spherical plain bearing

Schaeffler ID:  
0066501120000

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

### Technical information

#### Main Dimensions & Performance Data

D	55 mm	Outside diameter bearing
d	30 mm	Bore diameter bearing
B	32 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
	0.283 kg	Weight

#### Mounting dimensions

$r_{1\text{min}}$	0.6 mm	Edge Spacing
$r_{2\text{min}}$	1 mm	Edge Spacing
$d_{a\text{max}}$	34.4 mm	Connection measure Inner ring

#### Dimensions

$d_K$	47 mm	Ball diameter
$\alpha$	17 °	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
$D_{UT}$	-0.013 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

#### Temperature range

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

