



## GE14-PW

### Spherical plain bearing

Schaeffler ID:  
0066497770000

Radial spherical plain bearing,  
maintenance-free, sliding layer: PTFE  
film, brass outer ring, DIN ISO 12240-1,  
dimension series K, open design

#### Technical information

#### Main Dimensions & Performance Data

D	28 mm	Outside diameter bearing
d	14 mm	Bore diameter bearing
B	19 mm	Width Inner ring
C	13.5 mm	Width Outer ring
$C_r$	31,000 N	Basic dynamic load rating, radial
$C_{0r}$	77,500 N	Basic static load rating, radial
	54.313 g	Weight

#### Dimensions

$d_K$	25.4 mm	Ball diameter
$\alpha$	16 °	Tilt angle
$G_r$	0,006 - 0,035 mm	Radial Clearance
$d_{OT}$	0.018 mm	Bore diameter bearing, upper tolerance
$d_{UT}$	0 mm	Bore diameter bearing, lower tolerance
$d_T$	H7 mm	Bore diameter bearing, tolerance
$D_{OT}$	0 mm	Outside diameter, upper tolerance
$D_{UT}$	-0.009 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

$r_{1smin}$	0.3 mm	Edge Spacing
$r_{2smin}$	0.3 mm	Edge Spacing
$d_{amax}$	16.8 mm	Connection measure Inner ring
$D_{amin}$	22.5 mm	Housing Connection Diameter

#### Temperature range

$T_{min}$	-50 °C	Operating temperature min.
$T_{max}$	200 °C	Operating temperature max.

