



## GE20-PB

### Spherical plain bearing

Schaeffler ID:  
0066527510000

Radial spherical plain bearing, requiring maintenance, sliding contact surface: steel/bronze, DIN ISO 12240-1, dimension series K, open design

#### Technical information

#### Main Dimensions & Performance Data

d	20 mm	Bore diameter bearing
D	40 mm	Outside diameter bearing
B	25 mm	Width Inner ring
$C_r$	31,400 N	Basic dynamic load rating, radial
$C_{0r}$	78,600 N	Basic static load rating, radial
	0.146 kg	Weight

#### Dimensions

C	18 mm	Width Outer ring
$d_K$	34.925 mm	Ball diameter
$\alpha$	14 °	Tilt angle
$r_{1\text{min}}$	0.3 mm	Edge Spacing
$r_{2\text{min}}$	0.6 mm	Edge Spacing
$d_{OT}$	0.021 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
$D_{UT}$	-0.011 mm	Outside diameter, lower tolerance
$B_{OT}$	0 mm	Width inner ring, upper tolerance
$G_r$	0,006 - 0,035 mm	Radial Clearance
$B_{UT}$	-0.12 mm	Width inner ring, lower tolerance
$C_{OT}$	0 mm	Width outer ring, upper tolerance

#### Mounting dimensions

$d_{a\text{max}}$	24.3 mm	Connection measure Inner ring
$D_{a\text{min}}$	31.5 mm	Housing Connection Diameter

#### Temperature range

$T_{\text{min}}$	-60 °C	Operating temperature min.
$T_{\text{max}}$	250 °C	Operating temperature max.

