

**EGB180100-E40** **Bush**

Metal/polymer composite plain bush,  
maintenance-free, ISO 3547, with steel  
backing

## Technical information

**Your current product variant**

Maintenance	Maintenance free	
Type of Seal	Without	Not sealed
Material sliding Layer	E40	Maintenance-free sliding layer E40
Material back	Steel	

**Main Dimensions & Performance Data**

$D_i$	180 mm	Inner diameter
$D_o$	185 mm	Outer diameter
B	100 mm	Width
$C_r$	2.520.000 N	Basic dynamic load rating, radial
$C_{0r}$	4.500.000 N	Basic static load rating, radial
$\approx m$	1,078 kg	Weight



## Dimensions

f	20 °	Chamfer angle outside diameter
f	1,8 mm	Outer chamfer
F <sub>i min</sub>	0,2 mm	Inner edge break, min.
F <sub>i max</sub>	1 mm	Inner edge break, max.
D <sub>o OT</sub>	0,255 mm	Outside diameter, upper tolerance
D <sub>o UT</sub>	0,125 mm	Outside diameter, lower tolerance
s <sub>3</sub>	2,5 mm	Wall thickness
s <sub>3 OT</sub>	-0,035 mm	Wall thickness, upper tolerance
s <sub>3 UT</sub>	-0,085 mm	Wall thickness, lower tolerance
B <sub>UT</sub>	-0,25 mm	Width, lower tolerance
B <sub>OT</sub>	0,25 mm	Width, upper tolerance
f <sub>OT</sub>	0,6 mm	Outer chamfer, upper tolerance
f <sub>UT</sub>	-0,6 mm	Outer chamfer, lower tolerance
F <sub>i</sub>	0,2 mm	Inner edge break

## Temperature range

T <sub>min</sub>	-200 °C	Operating temperature min.
T <sub>max</sub>	280 °C	Operating temperature max.

## Characteristics



Radial load



Lifetime lubrication, freedom from maintenance



Not sealed



Small design envelope