

**EGB80100-E40-B** **Bush**

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

## Technical information

**Your current product variant**

Maintenance	Maintenance free	
Sealing	Without	Not sealed
Material sliding Layer	E40	Maintenance-free sliding layer E40
Material back	Bronze	

**Main Dimensions & Performance Data**

D <sub>i</sub>	80 mm	Inner diameter
D <sub>o</sub>	85 mm	Outer diameter
B	100 mm	Width
C <sub>r</sub>	1.120.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	2.000.000 N	Basic static load rating, radial
≈m	0,537 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>i OT</sub>	0,138 mm	Inner diameter, upper tolerance
D <sub>o OT</sub>	0,14 mm	Outside diameter, upper tolerance
D <sub>i UT</sub>	0,038 mm	Inner diameter, lower tolerance
D <sub>o UT</sub>	0,09 mm	Outside diameter, lower tolerance
s <sub>3</sub>	2,5 mm	Wall thickness
s <sub>3 OT</sub>	-0,01 mm	Wall thickness, upper tolerance
s <sub>3 UT</sub>	-0,06 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



Protected against rust



Small design envelope