

**EGB3820-E40** **Bush**

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

**Main Dimensions & Performance Data**

$D_i$	38 mm	Inner diameter
$D_o$	42 mm	Outer diameter
B	20 mm	Width
$C_r$	106.400 N	Basic dynamic load rating, radial
$C_{0r}$	190.000 N	Basic static load rating, radial
$\approx m$	37,1 g	Weight



## Dimensions

f	20 °	Chamfer angle outside diameter
F <sub>iUT</sub>	0,1 mm	Inner edge break, lower tolerance
F <sub>iOT</sub>	0,7 mm	Inner edge break, upper tolerance
f	1,2 mm	Outer chamfer
F <sub>i min</sub>	-0,1 mm	Inner edge break, min.
F <sub>i max</sub>	-0,7 mm	Inner edge break, max.
D <sub>i OT</sub>	0,073 mm	Inner diameter, upper tolerance
D <sub>o OT</sub>	0,085 mm	Outside diameter, upper tolerance
D <sub>i UT</sub>	0,003 mm	Inner diameter, lower tolerance
D <sub>o UT</sub>	0,045 mm	Outside diameter, lower tolerance
s <sub>3</sub>	2 mm	Wall thickness
s <sub>3 OT</sub>	0,005 mm	Wall thickness, upper tolerance
s <sub>3 UT</sub>	-0,03 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>	0,4 mm	Outer chamfer, upper tolerance
f <sub>UT</sub>	-0,4 mm	Outer chamfer, lower tolerance

## 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