

**EGB8080-E50**

## Bush

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



## Technical information



## Your current product variant

Maintenance	Low-maintenance	
Type of Sealing	Without	Not sealed
Material sliding Layer	E50	Low-maintenance sliding layer with lubrication pockets E50
Material back	Steel	

## Main Dimensions &amp; Performance Data

$D_i$	80 mm	Inner diameter
$D_o$	85 mm	Outer diameter
B	80 mm	Width
$C_r$	448.000 N	Basic dynamic load rating, radial
$C_{0r}$	896.000 N	Basic static load rating, radial
$m$	318,044 g	Weight



## Dimensions

f	20 °	Chamfer angle outside diameter
d <sub>L</sub>	6 mm	Diameter lubrication hole
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>	0,188 mm	Inner diameter, upper tolerance
D <sub>o OT</sub>	0,12 mm	Outside diameter, upper tolerance
D <sub>i UT</sub>	0,098 mm	Inner diameter, lower tolerance
D <sub>o UT</sub>	0,07 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>	-40 °C	Operating temperature min.
T <sub>max</sub>	110 °C	Operating temperature max.

## Characteristics

	Radial load
	Grease Lubrication
	Not sealed
	Small design envelope