

**EGB0510-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	5 mm	Inner diameter
D_o	7 mm	Outer diameter
B	10 mm	Width
C_r	7.000 N	Basic dynamic load rating, radial
C_{0r}	12.500 N	Basic static load rating, radial
$\approx m$	1,3 g	Weight



Dimensions

f	20 °	Chamfer angle outside diameter
f	0,6 mm	Outer chamfer
$F_{i\ min}$	0,1 mm	Inner edge break, min.
$F_{i\ max}$	0,6 mm	Inner edge break, max.
$D_{i\ OT}$	0,048 mm	Inner diameter, upper tolerance
$D_{o\ OT}$	0,055 mm	Outside diameter, upper tolerance
$D_{i\ UT}$	-0,002 mm	Inner diameter, lower tolerance
$D_{o\ UT}$	0,025 mm	Outside diameter, lower tolerance
s_3	1 mm	Wall thickness
$s_3\ OT$	0,005 mm	Wall thickness, upper tolerance
$s_3\ UT$	-0,02 mm	Wall thickness, lower tolerance
B_{UT}	-0,25 mm	Width, lower tolerance
B_{OT}	0,25 mm	Width, upper tolerance
f_{OT}	0,4 mm	Outer chamfer, upper tolerance
f_{UT}	-0,4 mm	Outer chamfer, lower tolerance
F_i	0,1 mm	Inner edge break

Temperature range

T_{min}	-200 °C	Operating temperature min.
T_{max}	280 °C	Operating temperature max.

Characteristics



Radial load



Lifetime lubrication, freedom from maintenance



Not sealed



Small design envelope