

**EGB1012-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**

$D_i$	10 mm	Inner diameter
$D_o$	12 mm	Outer diameter
B	12 mm	Width
$C_r$	16.800 N	Basic dynamic load rating, radial
$C_{0r}$	30.000 N	Basic static load rating, radial
$\approx m$	2,81 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.
$D_{i OT}$	0,049 mm	Inner diameter, upper tolerance
$D_{o OT}$	0,065 mm	Outside diameter, upper tolerance
$D_{i UT}$	-0,001 mm	Inner diameter, lower tolerance
$D_{o UT}$	0,03 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