



### EGB5030-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>	50 mm	Inner diameter
D <sub>o</sub>	55 mm	Outer diameter
B	30 mm	Width
C <sub>r</sub>	210.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	375.000 N	Basic static load rating, radial
≈m	101 g	Weight



## Dimensions

$f$	20 °	Chamfer angle outside diameter
$f$	1,8 mm	Outer chamfer
$F_{i\ min}$	-0,2 mm	Inner edge break, min.
$F_{i\ max}$	-1 mm	Inner edge break, max.
$D_{i\ OT}$	0,095 mm	Inner diameter, upper tolerance
$D_{o\ OT}$	0,125 mm	Outside diameter, upper tolerance
$D_{i\ UT}$	0,005 mm	Inner diameter, lower tolerance
$D_{o\ UT}$	0,075 mm	Outside diameter, lower tolerance
$s_3$	2,5 mm	Wall thickness
$s_3\ OT$	0,005 mm	Wall thickness, upper tolerance
$s_3\ UT$	-0,04 mm	Wall thickness, lower tolerance
$B_{UT}$	-0,25 mm	Width, lower tolerance
$B_{OT}$	0,25 mm	Width, upper tolerance
$f_{OT}$	0,6 mm	Outer chamfer, upper tolerance
$f_{UT}$	-0,6 mm	Outer chamfer, lower tolerance
$F_i$	0,2 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



Protected against rust



Small design envelope