

**EGB85100-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 &amp; Performance Data

$D_i$	85 mm	Inner diameter
$D_o$	90 mm	Outer diameter
B	100 mm	Width
$C_r$	1.190.000 N	Basic dynamic load rating, radial
$C_{0r}$	2.130.000 N	Basic static load rating, radial
$\approx m$	0,517 kg	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.
$D_{i\ OT}$	0,138 mm	Inner diameter, upper tolerance
$D_{o\ OT}$	0,12 mm	Outside diameter, upper tolerance
$D_{i\ UT}$	0,038 mm	Inner diameter, lower tolerance
$D_{o\ UT}$	0,07 mm	Outside diameter, lower tolerance
$s_3$	2,5 mm	Wall thickness
$s_{3\ OT}$	-0,01 mm	Wall thickness, upper tolerance
$s_{3\ UT}$	-0,06 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



Small design envelope