

**EGBZ2020-E40**

## Bush



Metal/polymer composite plain bush,  
maintenance-free, with steel backing, inch  
size

## 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

$D_i$	31,75 mm	Inner diameter
$D_o$	35,719 mm	Outer diameter
B	31,75 mm	Width
$C_r$	141.000 N	Basic dynamic load rating, radial
$C_{0r}$	252.000 N	Basic static load rating, radial
$\approx m$	52 g	Weight



## Dimensions

f	20 °	Chamfer angle outside diameter
$D_i$	31,75 mm	Inner diameter
f	1,2 mm	Outer chamfer
$F_{i \min}$	-0,1 mm	Inner edge break, min.
$F_{i \max}$	-0,7 mm	Inner edge break, max.
$D_{o \text{ OT}}$	0,085 mm	Outside diameter, upper tolerance
$D_{o \text{ UT}}$	0,045 mm	Outside diameter, lower tolerance
$s_3$	2 mm	Wall thickness
$s_3 \text{ OT}$	0,005 mm	Wall thickness, upper tolerance
$s_3 \text{ UT}$	-0,03 mm	Wall thickness, lower tolerance
$B \text{ UT}$	-0,25 mm	Width, lower tolerance
$B \text{ OT}$	0,25 mm	Width, upper tolerance
$f \text{ OT}$	0,4 mm	Outer chamfer, upper tolerance
$f \text{ UT}$	-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

-   $F_r$  Radial load
-   $L_h$  Lifetime lubrication, freedom from maintenance
-  Not sealed
-  Small design envelope