

**EGBZ2816-E40**

## Bush



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

## Technical information



## Your current product variant

Maintenance	Maintenance free	
Type of Seal	Without	Not sealed
Material sliding Layer	E40	Maintenance-free sliding layer E40
Material back	Steel	

## Main Dimensions &amp; Performance Data

$D_i$	44,45 mm	Inner diameter
$D_o$	49,213 mm	Outer diameter
B	25,4 mm	Width
$C_r$	158.000 N	Basic dynamic load rating, radial
$C_{0r}$	282.000 N	Basic static load rating, radial
$\approx m$	0,069 kg	Weight



## Dimensions

f	20 °	Chamfer angle outside diameter
$D_i$	44,45 mm	Inner 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.
$D_{o\ OT}$	0,085 mm	Outside diameter, upper tolerance
$D_{o\ UT}$	0,045 mm	Outside diameter, lower tolerance
$s_3$	2 mm	Wall thickness
$s_3\ OT$	0,005 mm	Wall thickness, upper tolerance
$s_3\ UT$	-0,03 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

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