

**EGBZ1616-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 & Performance Data

D_i	25,4 mm	Inner diameter
D_o	28,575 mm	Outer diameter
B	25,4 mm	Width
C_r	90.300 N	Basic dynamic load rating, radial
C_{0r}	161.000 N	Basic static load rating, radial
$\approx m$	27 g	Weight



Dimensions

f	20 °	Chamfer angle outside diameter
D_i	25,4 mm	Inner diameter
f	0,6 mm	Outer chamfer
$F_{i \min}$	-0,1 mm	Inner edge break, min.
$F_{i \max}$	-0,7 mm	Inner edge break, max.
$D_{o \text{ OT}}$	0,075 mm	Outside diameter, upper tolerance
$D_{o \text{ UT}}$	0,035 mm	Outside diameter, lower tolerance
s_3	1,5 mm	Wall thickness
$s_3 \text{ OT}$	0,005 mm	Wall thickness, upper tolerance
$s_3 \text{ UT}$	-0,025 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