

**EGB1620-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 & Performance Data**

|             |          |                                   |
|-------------|----------|-----------------------------------|
| $D_i$       | 16 mm    | Inner diameter                    |
| $D_o$       | 18 mm    | Outer diameter                    |
| B           | 20 mm    | Width                             |
| $C_r$       | 44.800 N | Basic dynamic load rating, radial |
| $C_{0r}$    | 80.000 N | Basic static load rating, radial  |
| $\approx m$ | 7,36 g   | Weight                            |



## Dimensions

|                    |           |                                   |
|--------------------|-----------|-----------------------------------|
| f                  | 20 °      | Chamfer angle outside diameter    |
| F <sub>iUT</sub>   | 0,1 mm    | Inner edge break, lower tolerance |
| F <sub>iOT</sub>   | 0,6 mm    | Inner edge break, upper tolerance |
| f                  | 0,6 mm    | Outer chamfer                     |
| F <sub>i min</sub> | 0,1 mm    | Inner edge break, min.            |
| F <sub>i max</sub> | 0,6 mm    | Inner edge break, max.            |
| D <sub>iOT</sub>   | 0,049 mm  | Inner diameter, upper tolerance   |
| D <sub>oOT</sub>   | 0,065 mm  | Outside diameter, upper tolerance |
| D <sub>iUT</sub>   | -0,001 mm | Inner diameter, lower tolerance   |
| D <sub>oUT</sub>   | 0,03 mm   | Outside diameter, lower tolerance |
| s <sub>3</sub>     | 1 mm      | Wall thickness                    |
| s <sub>3OT</sub>   | 0,005 mm  | Wall thickness, upper tolerance   |
| s <sub>3UT</sub>   | -0,02 mm  | Wall thickness, lower tolerance   |
| B <sub>UT</sub>    | -0,25 mm  | Width, lower tolerance            |
| B <sub>OT</sub>    | 0,25 mm   | Width, upper tolerance            |
| f <sub>OT</sub>    | 0,4 mm    | Outer chamfer, upper tolerance    |
| f <sub>UT</sub>    | -0,4 mm   | Outer chamfer, lower tolerance    |
| F <sub>i</sub>     | 0,1 mm    | Inner edge break                  |

## Temperature range

|                  |         |                            |
|------------------|---------|----------------------------|
| T <sub>min</sub> | -200 °C | Operating temperature min. |
| T <sub>max</sub> | 280 °C  | Operating temperature max. |



### Characteristics

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Radial load



Lifetime lubrication, freedom from maintenance



Not sealed



Small design envelope