

**EGB1005-E40-B** **Bush**

Metal/polymer composite plain bush, maintenance-free, ISO 3547, with bronze 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 | Bronze | |

Main Dimensions & Performance Data

| | | |
|-------------|----------|-----------------------------------|
| D_i | 10 mm | Inner diameter |
| D_o | 12 mm | Outer diameter |
| B | 5 mm | Width |
| C_r | 7.000 N | Basic dynamic load rating, radial |
| C_{0r} | 12.500 N | Basic static load rating, radial |
| $\approx m$ | 1,3 g | Weight |



Dimensions

| | | |
|--------------------|-----------|-----------------------------------|
| f | 20 ° | Chamfer angle outside diameter |
| f | 0,6 mm | Outer chamfer |
| F _{i min} | -0,1 mm | Inner edge break, min. |
| F _{i max} | -0,6 mm | Inner edge break, max. |
| D _{i OT} | 0,049 mm | Inner diameter, upper tolerance |
| D _{o OT} | 0,08 mm | Outside diameter, upper tolerance |
| D _{i UT} | -0,001 mm | Inner diameter, lower tolerance |
| D _{o UT} | 0,05 mm | Outside diameter, lower tolerance |
| s ₃ | 1 mm | Wall thickness |
| s _{3 OT} | 0,005 mm | Wall thickness, upper tolerance |
| s _{3 UT} | -0,02 mm | Wall thickness, lower tolerance |
| B _{UT} | -0,25 mm | Width, lower tolerance |
| B _{OT} | 0,25 mm | Width, upper tolerance |
| f _{OT} | 0,4 mm | Outer chamfer, upper tolerance |
| f _{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



Radial load



Lifetime lubrication, freedom from maintenance



Not sealed



Protected against rust



Small design envelope