

**EGB0403-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 | 4 mm | Inner diameter |
| D_o | 5,5 mm | Outer diameter |
| B | 3 mm | Width |
| C_r | 1.680 N | Basic dynamic load rating, radial |
| C_{0r} | 3.000 N | Basic static load rating, radial |
| $\approx m$ | 200 mg | Weight |



Dimensions

| | | |
|--------------|----------|-----------------------------------|
| f | 20 ° | Chamfer angle outside diameter |
| f | 0,5 mm | Outer chamfer |
| $F_{i \min}$ | 0,1 mm | Inner edge break, min. |
| $F_{i \max}$ | 0,4 mm | Inner edge break, max. |
| $D_{i OT}$ | 0,048 mm | Inner diameter, upper tolerance |
| $D_{o OT}$ | 0,055 mm | Outside diameter, upper tolerance |
| $D_{i UT}$ | 0,008 mm | Inner diameter, lower tolerance |
| $D_{o UT}$ | 0,025 mm | Outside diameter, lower tolerance |
| s_3 | 0,75 mm | Wall thickness |
| $s_3 OT$ | 0 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} | 0,3 mm | Outer chamfer, upper tolerance |
| f_{UT} | -0,3 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



Small design envelope