

**EGB5020-E40** **Bush**

Metal/polymer composite plain bush,
maintenance-free, ISO 3547, with steel
backing

Technical information

**Your current product variant**

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

Main Dimensions & Performance Data

| | | |
|-------------|-----------|-----------------------------------|
| D_i | 50 mm | Inner diameter |
| D_o | 55 mm | Outer diameter |
| B | 20 mm | Width |
| C_r | 140.000 N | Basic dynamic load rating, radial |
| C_{0r} | 250.000 N | Basic static load rating, radial |
| $\approx m$ | 60,8 g | Weight |



Dimensions

| | | |
|--------------------|----------|-----------------------------------|
| f | 20 ° | Chamfer angle outside 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 _{i OT} | 0,095 mm | Inner diameter, upper tolerance |
| D _{o OT} | 0,1 mm | Outside diameter, upper tolerance |
| D _{i UT} | 0,005 mm | Inner diameter, lower tolerance |
| D _{o UT} | 0,055 mm | Outside diameter, lower tolerance |
| s ₃ | 2,5 mm | Wall thickness |
| s _{3 OT} | 0,005 mm | Wall thickness, upper tolerance |
| s _{3 UT} | -0,04 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



Radial load



Lifetime lubrication, freedom from maintenance



Not sealed



Small design envelope