



EGB160100-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 | 160 mm | Inner diameter |
| D _o | 165 mm | Outer diameter |
| B | 100 mm | Width |
| C _r | 2.240.000 N | Basic dynamic load rating, radial |
| C _{0r} | 4.000.000 N | Basic static load rating, radial |
| ≈m | 0,961 kg | 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 _{o OT} | 0,17 mm | Outside diameter, upper tolerance |
| D _{o UT} | 0,1 mm | Outside diameter, lower tolerance |
| s ₃ | 2,5 mm | Wall thickness |
| s _{3 OT} | -0,035 mm | Wall thickness, upper tolerance |
| s _{3 UT} | -0,085 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