

**EGB1620-E50**

Bush

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



Technical information

**Your current product variant**

| | | |
|------------------------|-----------------|--|
| Maintenance | Low-maintenance | |
| Type of Sealing | Without | Not sealed |
| Material sliding Layer | E50 | Low-maintenance sliding layer with lubrication pockets E50 |
| 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 | 22.400 N | Basic dynamic load rating, radial |
| C_{0r} | 44.800 N | Basic static load rating, radial |
| m | 5,8 g | Weight |



Dimensions

| | | |
|--------------------|----------|-----------------------------------|
| f | 20 ° | Chamfer angle outside diameter |
| d _L | 3 mm | Diameter lubrication hole |
| 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} | 0,099 mm | Inner diameter, upper tolerance |
| D _{o OT} | 0,065 mm | Outside diameter, upper tolerance |
| D _{i UT} | 0,049 mm | Inner diameter, lower tolerance |
| D _{o UT} | 0,03 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} | -40 °C | Operating temperature min. |
| T _{max} | 110 °C | Operating temperature max. |

Characteristics

| | |
|---|-----------------------|
|  | Radial load |
|  | Grease Lubrication |
|  | Not sealed |
|  | Small design envelope |