

**EGB5540-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 | 55 mm | Inner diameter |
| D_o | 60 mm | Outer diameter |
| B | 40 mm | Width |
| C_r | 154.000 N | Basic dynamic load rating, radial |
| C_{0r} | 308.000 N | Basic static load rating, radial |
| m | 110,116 g | Weight |



Dimensions

| | | |
|--------------------|----------|-----------------------------------|
| f | 20 ° | Chamfer angle outside diameter |
| d _L | 6 mm | Diameter lubrication hole |
| 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} | 0,185 mm | Inner diameter, upper tolerance |
| D _{o OT} | 0,1 mm | Outside diameter, upper tolerance |
| D _{i UT} | 0,095 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} | -40 °C | Operating temperature min. |
| T _{max} | 110 °C | Operating temperature max. |

Characteristics

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