

**EGF10170-E40**

Flanged bush

Flanged bush, maintenance-free, ISO 3547,
with steel backing



Technical information



Your current product variant

| | |
|------------------------|--|
| Maintenance | Maintenance free |
| Material sliding Layer | E40 Maintenance-free sliding layer E40 |
| Material back | Steel |

Main Dimensions & Performance Data

| | | |
|-------------|----------|-----------------------------------|
| D_i | 10 mm | Inner diameter |
| D_o | 12 mm | Outer diameter |
| D_{fl} | 18 mm | Outside diameter of flange |
| B | 17 mm | Width |
| C_r | 21.000 N | Basic dynamic load rating, radial |
| C_{0r} | 37.500 N | Basic static load rating, radial |
| C_a | 14.100 N | Basic dynamic load rating, axial |
| C_{0a} | 25.100 N | Basic static load rating, axial |
| $\approx m$ | 5 g | Weight |



Dimensions

| | | |
|--------------------|----------|---|
| f | 20 ° | Chamfer angle outside diameter |
| s _{fl} | 1 mm | Flange thickness |
| R _{max} | 1 mm | Radius, max. |
| f | 0,6 mm | Outer chamfer |
| F _{i max} | 0,6 mm | Inner edge break, max. |
| F _{i min} | 0,1 mm | Inner edge break, min. |
| s ₃ | 1 mm | Wall thickness |
| D _{fl OT} | 0,5 mm | Outside diameter of flange, upper tolerance |
| D _{o OT} | 0,065 mm | Outside diameter, upper tolerance |
| s _{3 OT} | 0,005 mm | Wall thickness, upper tolerance |
| D _{fl UT} | -0,5 mm | Outside diameter of flange, lower tolerance |
| s _{3 UT} | -0,02 mm | Wall thickness, lower tolerance |
| D _{o UT} | 0,03 mm | Outside diameter, lower tolerance |
| B _{OT} | 0,25 mm | Width, upper tolerance |
| B _{UT} | -0,25 mm | Width, lower tolerance |
| s _{fl OT} | 0,05 mm | Flange thickness, upper tolerance |
| s _{fl UT} | -0,2 mm | Flange thickness, lower tolerance |
| f _{OT} | 0,4 mm | Outer chamfer, upper tolerance |
| f _{UT} | -0,4 mm | Outer chamfer, lower tolerance |

Temperature range

| | | |
|------------------|---------|----------------------------|
| T _{min} | -200 °C | Operating temperature min. |
| T _{max} | 280 °C | Operating temperature max. |



Characteristics



Radial load



Axial load in one direction



Lifetime lubrication, freedom from maintenance



Not sealed



Small design envelope