

**EGF30160-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 &amp; Performance Data

|          |          |                                   |
|----------|----------|-----------------------------------|
| $D_i$    | 30 mm    | Inner diameter                    |
| $D_o$    | 34 mm    | Outer diameter                    |
| $D_{fl}$ | 42 mm    | Outside diameter of flange        |
| $B$      | 16 mm    | Width                             |
| $C_r$    | 50.400 N | Basic dynamic load rating, radial |
| $C_{0r}$ | 90.000 N | Basic static load rating, radial  |
| $C_a$    | 35.200 N | Basic dynamic load rating, axial  |
| $C_{0a}$ | 62.800 N | Basic static load rating, axial   |
| $m$      | 29,106 g | Weight                            |



## Dimensions

|                    |          |   |
|--------------------|----------|---|
| f                  | 20 °     | Chamfer angle outside diameter              |
| s <sub>fl</sub>    | 2 mm     | Flange thickness                            |
| R <sub>max</sub>   | 2 mm     | Radius, max.                                |
| f                  | 1,2 mm   | Outer chamfer                               |
| F <sub>i max</sub> | 0,7 mm   | Inner edge break, max.                      |
| F <sub>i min</sub> | 0,1 mm   | Inner edge break, min.                      |
| s <sub>3</sub>     | 2 mm     | Wall thickness                              |
| D <sub>fl OT</sub> | 0,5 mm   | Outside diameter of flange, upper tolerance |
| D <sub>o OT</sub>  | 0,085 mm | Outside diameter, upper tolerance           |
| s <sub>3 OT</sub>  | 0,005 mm | Wall thickness, upper tolerance             |
| D <sub>fl UT</sub> | -0,5 mm  | Outside diameter of flange, lower tolerance |
| s <sub>3 UT</sub>  | -0,03 mm | Wall thickness, lower tolerance             |
| D <sub>o UT</sub>  | 0,045 mm | Outside diameter, lower tolerance           |
| B <sub>OT</sub>    | 0,25 mm  | Width, upper tolerance                      |
| B <sub>UT</sub>    | -0,25 mm | Width, lower tolerance                      |
| s <sub>fl OT</sub> | 0,05 mm  | Flange thickness, upper tolerance           |
| s <sub>fl UT</sub> | -0,2 mm  | Flange thickness, lower tolerance           |
| f <sub>OT</sub>    | 0,4 mm   | Outer chamfer, upper tolerance              |
| f <sub>UT</sub>    | -0,4 mm  | Outer chamfer, lower tolerance              |

## Temperature range

|                  |         |                            |
|------------------|---------|----------------------------|
| T <sub>min</sub> | -200 °C | Operating temperature min. |
| T <sub>max</sub> | 280 °C  | Operating temperature max. |



### Characteristics

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Radial load



Axial load in one direction



Lifetime lubrication, freedom from maintenance



Not sealed



Small design envelope