



### ZWB253030

Bush

ELGOTEX filament wound bushes,  
maintenance-free

## Technical information



### Your current product variant

|                        |                  |  |
|------------------------|------------------|--|
| Maintenance            | Maintenance free |  |
| Type of Seal           | Without          | Not sealed   |
| Material sliding Layer | ELGOTEX          | ELGOTEX filament wound bushes,<br>maintenance-free |
| Material back          | Without          |  |

### Main Dimensions & Performance Data

|                 |           |                                   |
|-----------------|-----------|-----------------------------------|
| D <sub>i</sub>  | 25 mm     | Inner diameter                    |
| D <sub>o</sub>  | 30 mm     | Outer diameter                    |
| B               | 30 mm     | Width                             |
| C <sub>r</sub>  | 105.000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 150.000 N | Basic static load rating, radial  |
| ≈m              | 11 g      | Weight                            |



## Dimensions

|                    |          |                                   |
|--------------------|----------|-----------------------------------|
| f                  | 45 °     | Chamfer angle bore diameter       |
| f                  | 15 °     | Chamfer angle outside diameter    |
| f                  | 1,5 mm   | Outer chamfer                     |
| F <sub>i min</sub> | 1 mm     | Inner edge break, min.            |
| D <sub>i OT</sub>  | 0,194 mm | Inner diameter, upper tolerance   |
| D <sub>o OT</sub>  | 0,068 mm | Outside diameter, upper tolerance |
| D <sub>i T</sub>   | C10      | Inner diameter, tolerance         |
| D <sub>o T</sub>   | s8       | Outer diameter, tolerance         |
| D <sub>i UT</sub>  | 0,11 mm  | Inner diameter, lower tolerance   |
| D <sub>o UT</sub>  | 0,035 mm | Outside diameter, lower tolerance |
| B <sub>T</sub>     | h13      | Width tolerance                   |
| B <sub>UT</sub>    | -0,33 mm | Width, lower tolerance            |
| B <sub>OT</sub>    | 0 mm     | Width, upper tolerance            |
| f <sub>OT</sub>    | 0,5 mm   | Outer chamfer, upper tolerance    |
| f <sub>UT</sub>    | -0,5 mm  | Outer chamfer, lower tolerance    |
| F <sub>i</sub>     | 1 mm     | Inner edge break                  |

## Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -20 °C | Operating temperature min. |
| T <sub>max</sub> | 130 °C | Operating temperature max. |

## Characteristics

|   |  |
|---|--|
|  | Radial load                                    |
|  | Lifetime lubrication, freedom from maintenance |
|  | Not sealed                                     |
|  | Current insulated                              |
|  | Small design envelope                          |