



### ZWB505840

Bush

ELGOTEX filament wound bushes,  
maintenance-free

## Technical information



### Your current product variant

Maintenance	Maintenance free	
Sealing	Without	Not sealed
Material sliding Layer	ELGOTEX	ELGOTEX filament wound bushes, maintenance-free
Material back	Without	

### Main Dimensions & Performance Data

D <sub>i</sub>	50 mm	Inner diameter
D <sub>o</sub>	58 mm	Outer diameter
B	40 mm	Width
C <sub>r</sub>	280.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	400.000 N	Basic static load rating, radial
≈m	48 g	Weight



## Dimensions

f	45 °	Chamfer angle bore diameter
f	15 °	Chamfer angle outside diameter
f	2 mm	Outer chamfer
F <sub>i min</sub>	1 mm	Inner edge break, min.
D <sub>i OT</sub>	0,23 mm	Inner diameter, upper tolerance
D <sub>o OT</sub>	0,099 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>	0,13 mm	Inner diameter, lower tolerance
D <sub>o UT</sub>	0,053 mm	Outside diameter, lower tolerance
B <sub>T</sub>	h13	Width tolerance
B <sub>UT</sub>	-0,39 mm	Width, lower tolerance
B <sub>OT</sub>	0 mm	Width, upper tolerance
f <sub>OT</sub>	0,7 mm	Outer chamfer, upper tolerance
f <sub>UT</sub>	-0,7 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