

**ZWB140155100** [↗](#)

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**

$D_i$	140 mm	Inner diameter
$D_o$	155 mm	Outer diameter
B	100 mm	Width
$C_r$	1.960.000 N	Basic dynamic load rating, radial
$C_{0r}$	2.800.000 N	Basic static load rating, radial
$m$	660 g	Weight



## Dimensions

f	45 °	Chamfer angle bore diameter
f	15 °	Chamfer angle outside diameter
f	4 mm	Outer chamfer
F <sub>i min</sub>	1 mm	Inner edge break, min.
D <sub>i OT</sub>	0,36 mm	Inner diameter, upper tolerance
D <sub>o OT</sub>	0,163 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>	0,2 mm	Inner diameter, lower tolerance
D <sub>o UT</sub>	0,1 mm	Outside diameter, lower tolerance
B <sub>T</sub>	h13	Width tolerance
B <sub>UT</sub>	-0,54 mm	Width, lower tolerance
B <sub>OT</sub>	0 mm	Width, upper tolerance
f <sub>OT</sub>	1 mm	Outer chamfer, upper tolerance
f <sub>UT</sub>	-1 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