

**ZWB505850** **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	50 mm	Inner diameter
D_o	58 mm	Outer diameter
B	50 mm	Width
C_r	350.000 N	Basic dynamic load rating, radial
C_{0r}	500.000 N	Basic static load rating, radial
m	60 g	Weight



Dimensions

f	45 °	Chamfer angle bore diameter
f	15 °	Chamfer angle outside diameter
f	2 mm	Outer chamfer
F _{i min}	1 mm	Inner edge break, min.
D _{i OT}	0,23 mm	Inner diameter, upper tolerance
D _{o OT}	0,099 mm	Outside diameter, upper tolerance
D _{i T}	C10	Inner diameter, tolerance
D _{o T}	s8	Outer diameter, tolerance
D _{i UT}	0,13 mm	Inner diameter, lower tolerance
D _{o UT}	0,053 mm	Outside diameter, lower tolerance
B _T	h13	Width tolerance
B _{UT}	-0,39 mm	Width, lower tolerance
B _{OT}	0 mm	Width, upper tolerance
f _{OT}	0,7 mm	Outer chamfer, upper tolerance
f _{UT}	-0,7 mm	Outer chamfer, lower tolerance
F _i	1 mm	Inner edge break

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	130 °C	Operating temperature max.

Characteristics

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