

**EGF45160-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 & Performance Data

D_i	45 mm	Inner diameter
D_o	50 mm	Outer diameter
D_{fl}	58 mm	Outside diameter of flange
B	16 mm	Width
C_r	69.300 N	Basic dynamic load rating, radial
C_{0r}	124.000 N	Basic static load rating, radial
C_a	37.300 N	Basic dynamic load rating, axial
C_{0a}	66.600 N	Basic static load rating, axial
$\approx m$	54,12 g	Weight



Dimensions

f	20 °	Chamfer angle outside diameter
s _{fl}	2,5 mm	Flange thickness
R _{max}	2,5 mm	Radius, max.
f	1,8 mm	Outer chamfer
F _{i max}	1 mm	Inner edge break, max.
F _{i min}	0,2 mm	Inner edge break, min.
s ₃	2,5 mm	Wall thickness
D _{fl OT}	0,5 mm	Outside diameter of flange, upper tolerance
D _{o OT}	0,085 mm	Outside diameter, upper tolerance
s _{3 OT}	0,005 mm	Wall thickness, upper tolerance
D _{fl UT}	-0,5 mm	Outside diameter of flange, lower tolerance
s _{3 UT}	-0,2 mm	Wall thickness, lower tolerance
D _{o UT}	0,045 mm	Outside diameter, lower tolerance
B _{OT}	0,25 mm	Width, upper tolerance
B _{UT}	-0,25 mm	Width, lower tolerance
s _{fl OT}	0,05 mm	Flange thickness, upper tolerance
s _{fl UT}	-0,2 mm	Flange thickness, lower tolerance
f _{OT}	0,6 mm	Outer chamfer, upper tolerance
f _{UT}	-0,6 mm	Outer chamfer, lower tolerance

Temperature range

T _{min}	-200 °C	Operating temperature min.
T _{max}	280 °C	Operating temperature max.



Characteristics



Radial load



Axial load in one direction



Lifetime lubrication, freedom from maintenance



Not sealed



Small design envelope