

**EGF20165-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 &amp; Performance Data

$D_i$	20 mm	Inner diameter
$D_o$	23 mm	Outer diameter
$D_{fl}$	30 mm	Outside diameter of flange
$B$	16.5 mm	Width
$C_r$	37,800 N	Basic dynamic load rating, radial
$C_{0r}$	67,500 N	Basic static load rating, radial
$C_a$	24,600 N	Basic dynamic load rating, axial
$C_{0a}$	44,000 N	Basic static load rating, axial
$\approx m$	14.402 g	Weight



## Dimensions

f	20 °	Chamfer angle outside diameter
s <sub>fl</sub>	1.5 mm	Flange thickness
R <sub>max</sub>	1.5 mm	Radius, max.
f	0.6 mm	Outer chamfer
F <sub>i max</sub>	0.7 mm	Inner edge break, max.
F <sub>i min</sub>	0.1 mm	Inner edge break, min.
s <sub>3</sub>	1.5 mm	Wall thickness
D <sub>fl OT</sub>	0.5 mm	Outside diameter of flange, upper tolerance
D <sub>o OT</sub>	0.075 mm	Outside diameter, upper tolerance
s <sub>3 OT</sub>	0.005 mm	Wall thickness, upper tolerance
D <sub>fl UT</sub>	-0.5 mm	Outside diameter of flange, lower tolerance
s <sub>3 UT</sub>	-0.025 mm	Wall thickness, lower tolerance
D <sub>o UT</sub>	0.035 mm	Outside diameter, lower tolerance
B <sub>OT</sub>	0.25 mm	Width, upper tolerance
B <sub>UT</sub>	-0.25 mm	Width, lower tolerance
s <sub>fl OT</sub>	0.05 mm	Flange thickness, upper tolerance
s <sub>fl UT</sub>	-0.2 mm	Flange thickness, lower tolerance
f <sub>OT</sub>	0.4 mm	Outer chamfer, upper tolerance
f <sub>UT</sub>	-0.4 mm	Outer chamfer, lower tolerance

## Temperature range

T <sub>min</sub>	-200 °C	Operating temperature min.
T <sub>max</sub>	280 °C	Operating temperature max.



### Characteristics

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Radial load



Axial load in one direction



Lifetime lubrication, freedom from maintenance



Not sealed



Small design envelope