



EGB5030-E40

Bush

Schaeffler ID:
0684857190000

Metal/polymer composite plain bush,
maintenance-free, ISO 3547, with steel
backing

Technical information



Main Dimensions & Performance Data

D_o	55 mm	Outer diameter
B	30 mm	Width
C_r	210,000 N	Basic dynamic load rating, radial
C_{0r}	375,000 N	Basic static load rating, radial
	92 g	Weight

Dimensions

D_i	50 mm	Inner diameter
f	1.8 mm	Outer chamfer
$F_{i\ min}$	0.2 mm	Inner edge break, min.
$F_{i\ max}$	1 mm	Inner edge break, max.
$D_{o\ OT}$	0.1 mm	Outside diameter, upper tolerance
$D_{o\ UT}$	0.055 mm	Outside diameter, lower tolerance
s_3	2.5 mm	Wall thickness
$s_{3\ OT}$	0.005 mm	Wall thickness, upper tolerance
$s_{3\ UT}$	-0.04 mm	Wall thickness, lower tolerance
B_{UT}	-0.25 mm	Width, lower tolerance
B_{OT}	0.25 mm	Width, upper tolerance
f_{OT}	0.6 mm	Outer chamfer, upper tolerance
f_{UT}	-0.6 mm	Outer chamfer, lower tolerance
F_i	0.2 mm	Inner edge break

Temperature range

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