



SNR BEARING CORP.OF AMERICA

17 mm x 35 mm x 10 mm SNR 6003.E Single row deep groove ball bearings

Bearing No. 6003.E

6003.E Bearing 2D drawings and 3D CAD models

d	17 mm
D	35 mm
B	10 mm
d1	22.8 mm
D1	31.4 mm
rs min	0.3 mm
Radial clearance class	CN
Mass	0.04 kg
Dynamic load, C	5.8 kN
Static load, C0	3.25 kN
Fatigue limit load, Cu	0.15 kN
f0	14.4
Nlim	13,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.28 Hz
Characteristic outer ring frequency, BPF0	4.08 Hz
Characteristic inner ring frequency, BPF1	5.92 Hz
da min	19 mm
da max	22.8 mm



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Da max	33 mm
ra max	0.3 mm