



Lamar parts manufacturing company



6003EE Bearing 2D drawings and 3D CAD models

17,000 mm x 35,000 mm x 10,000 mm SNR
6003EE deep groove ball bearings

Bearing No. 6003EE

Size	17x35x10 mm
Bore Diameter	17,000 mm
Outer Diameter	35,000 mm
Width	10,000 mm
d	17,000 mm
D	35,000 mm
B	10,000 mm
C	10,000 mm
d1	21.3 mm
D1	31 mm
rs min	0.3 mm
Radial clearance class	CN
Mass	0.04 kg
Dynamic load, C	5.9 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	4.08 Hz



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frequency, BPF0	
Characteristic inner ring frequency, BPF1	5.92 Hz
da min	19 mm
da max	21.3 mm
Da max	33 mm
ra max	0.3 mm