



# SNR BEARING CORP.OF AMERICA



6003LT Bearing 2D drawings and 3D CAD models

17,000 mm x 35,000 mm x 10,000 mm SNR  
6003LT Single row deep groove ball bearings

Bearing No. 6003LT

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	22.8 mm
D1	31.4 mm
rs min	0.3 mm
Radial clearance class	C3
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	-40 ° 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	22.8 mm
Da max	33 mm
ra max	0.3 mm