



SNR BEARING CORP.OF AMERICA

17 mm x 35 mm x 10 mm SNR 6003.FT150
Single row deep groove ball bearings

Bearing No. 6003.FT150

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	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	-20 ° C
Max operating temperature, Tmax	150 ° 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

6003.FT150 Bearing 2D drawings and 3D CAD models



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Da max	33 mm
ra max	0.3 mm