



# SNR BEARING CORP.OF AMERICA

25 mm x 47 mm x 12 mm SNR 6005.FT150  
Single row deep groove ball bearings

Bearing No. 6005.FT150

d	25 mm
D	47 mm
B	12 mm
d1	31.6 mm
D1	42.8 mm
rs min	0.6 mm
Radial clearance class	C3
Mass	0.08 kg
Dynamic load, C	9.8 kN
Static load, C0	5.8 kN
Fatigue limit load, Cu	0.26 kN
f0	14.5
Nlim	9,100 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	5.44 Hz
Characteristic outer ring frequency, BPF0	4.11 Hz
Characteristic inner ring frequency, BPF1	5.89 Hz
da min	29 mm
da max	31.6 mm

6005.FT150 Bearing 2D drawings and 3D CAD models



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Da max	43 mm
ra max	0.6 mm