



# SNR BEARING CORP.OF AMERICA



6005EE Bearing 2D drawings and 3D CAD models

25,000 mm x 47,000 mm x 12,000 mm SNR  
6005EE Single row deep groove ball bearings

Bearing No. 6005EE

Size	25x47x12 mm
Bore Diameter	25,000 mm
Outer Diameter	47,000 mm
Width	12,000 mm
d	25,000 mm
D	47,000 mm
B	12,000 mm
C	12,000 mm
d1	30.2 mm
D1	42 mm
rs min	0.6 mm
Radial clearance class	CN
Mass	0.08 kg
Dynamic load, C	9.8 kN
Static load, C0	5.9 kN
Fatigue limit load, Cu	0.34 kN
f0	14.5
Nlim	9,500 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	5.49 Hz
Characteristic outer ring	4.12 Hz



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frequency, BPF0	
Characteristic inner ring frequency, BPF1	5.88 Hz
da min	29 mm
da max	30.2 mm
Da max	43 mm
ra max	0.6 mm