



# SNR BEARING CORP.OF AMERICA

20 mm x 42 mm x 12 mm NTN  
6004LLBCM/L627 Single row deep groove ball  
bearings

Bearing No. 6004LLBCM/L627

d	20 mm
D	42 mm
B	12 mm
rs min	0.6 mm
Radial clearance class	CM
Mass	0.07 kg
Dynamic load, C	9.4 kN
Static load, C0	5.05 kN
Fatigue limit load, Cu	0.23 kN
f0	13.9
Nlim (grease)	18,000 rpm
Min operating temperature, Tmin	-25 ° C
Max operating temperature, Tmax	110 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.76 Hz
Characteristic outer ring frequency, BPF0	3.59 Hz
Characteristic inner ring frequency, BPFI	5.41 Hz
da min	24 mm
da max	26 mm
Da max	38 mm

6004LLBCM/L627 Bearing 2D drawings and 3D CAD models



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ra max

0.6 mm