



# SNR BEARING CORP.OF AMERICA

17 mm x 35 mm x 10 mm NTN 6003LLU/L542  
Single row deep groove ball bearings

Bearing No. 6003LLU/L542

d	17 mm
D	35 mm
B	10 mm
rs min	0.3 mm
Radial clearance class	CN
Mass	0.04 kg
Dynamic load, C	6.8 kN
Static load, C0	3.35 kN
Fatigue limit load, Cu	0.15 kN
f0	13.6
Nlim (grease)	14,000 rpm
Min operating temperature, Tmin	-25 ° C
Max operating temperature, Tmax	110 ° C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.47 Hz
Characteristic outer ring frequency, BPF0	3.14 Hz
Characteristic inner ring frequency, BPF1	4.86 Hz
da min	19 mm
da max	21 mm
Da max	33 mm
ra max	0.3 mm

6003LLU/L542 Bearing 2D drawings and 3D CAD models



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