



# SNR BEARING CORP.OF AMERICA

15 mm x 32 mm x 9 mm NTN 6002LLUNR/5K  
Single row deep groove ball bearings

Bearing No. 6002LLUNR/5K

d	15 mm
D	32 mm
B	9 mm
a min	1.9 mm
a max	2.06 mm
Ca min	3.02 mm
Ca max	3.18 mm
rs min	0.3 mm
rNs min	0.3 mm
D3 max	30.15 mm
b min	1.35 mm
b max	1.65 mm
r0 max	0.4 mm
D4 max	36.7 mm
f	1.12 mm
Snap ring reference	R32
Radial clearance class	CN
Mass	0.03 kg
Dynamic load, C	5.6 kN
Static load, C0	2.83 kN
Fatigue limit load, Cu	0.13 kN
f0	13.9
Nlim (grease)	15,000 rpm
Min operating temperature, Tmin	-25 ° C
Max operating temperature,	110 ° C

6002LLUNR/5K Bearing 2D drawings and 3D CAD models



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Tmax	
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.73 Hz
Characteristic outer ring frequency, BPF0	3.59 Hz
Characteristic inner ring frequency, BPF1	5.41 Hz
da min	17 mm
da max	19 mm
Da max	30 mm
ra max	0.3 mm
rNa max	0.3 mm
Db min	37.5 mm