



SNR BEARING CORP.OF AMERICA

17 mm x 35 mm x 10 mm NTN
6003LLUNR/2AS Single row deep groove ball
bearings

Bearing No. 6003LLUNR/2AS

d	17 mm
D	35 mm
B	10 mm
a min	1.9 mm
a max	2.06 mm
Ca min	2.92 mm
Ca max	3.18 mm
rs min	0.3 mm
rNs min	0.3 mm
D3 max	33.17 mm
b min	1.35 mm
b max	1.65 mm
r0 max	0.4 mm
D4 max	39.7 mm
f	1.12 mm
Snap ring reference	R35
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

6003LLUNR/2AS Bearing 2D drawings and 3D CAD
models



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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, BPFI	4.86 Hz
da min	19 mm
da max	21 mm
Da max	33 mm
ra max	0.3 mm
rNa max	0.3 mm
Db min	40.5 mm