



# SNR BEARING CORP.OF AMERICA

15 mm x 32 mm x 9 mm NTN  
6002LLUA1X2C3/LX16Q14 Single row deep  
groove ball bearings

Bearing No. 6002LLUA1X2C3/LX16Q14

|   |            |
|---|------------|
| d   | 15 mm      |
| D   | 32 mm      |
| B   | 9 mm       |
| rs min  | 0.3 mm     |
| Radial clearance class                        | C3         |
| 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               | -30 ° C    |
| Max operating temperature, Tmax               | 220 ° C    |
| 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      |
|   |            |

6002LLUA1X2C3/LX16Q14 Bearing 2D drawings and  
3D CAD models



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|        |        |
|--------|--------|
| ra max | 0.3 mm |
|--------|--------|