



NTN Bearing Rolamentos do Brasil Ltda.

50 mm x 80 mm x 16 mm NTN
6010LLUNR/2AS Single row deep groove ball
bearings

Bearing No. 6010LLUNR/2AS

| | |
|------------------------------------|-----------|
| d | 50 mm |
| D | 80 mm |
| B | 16 mm |
| a min | 2.29 mm |
| a max | 2.49 mm |
| Ca min | 3.89 mm |
| Ca max | 4.19 mm |
| rs min | 1 mm |
| rNs min | 0.5 mm |
| D3 max | 76.81 mm |
| b min | 1.9 mm |
| b max | 2.2 mm |
| r0 max | 0.6 mm |
| D4 max | 86.6 mm |
| f | 1.7 mm |
| Snap ring reference | R80 |
| Radial clearance class | CN |
| Mass | 0.26 kg |
| Dynamic load, C | 21.8 kN |
| Static load, C0 | 16.6 kN |
| Fatigue limit load, Cu | 0.75 kN |
| f0 | 15.5 |
| Nlim (grease) | 5,000 rpm |
| Min operating temperature, Tmin | -25 ° C |

6010LLUNR/2AS Bearing 2D drawings and 3D CAD
models



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| | |
|---|---------|
| Max operating temperature, Tmax | 110 ° C |
| Characteristic cage frequency, FTF | 0.43 Hz |
| Characteristic rolling element frequency, BSF | 7.31 Hz |
| Characteristic outer ring frequency, BPF0 | 6.06 Hz |
| Characteristic inner ring frequency, BPFI | 7.94 Hz |
| da min | 55 mm |
| da max | 57.5 mm |
| Da max | 75 mm |
| ra max | 1 mm |
| rNa max | 0.5 mm |
| Db min | 88 mm |