



# HMSA BEARING MANUFACTURING LIMITED

## 50 mm x 110 mm x 27 mm NTN NJ310ET2X Single row cylindrical roller bearings

Bearing No. NJ310ET2X

|   |           |
|---|-----------|
| d   | 50 mm     |
| D   | 110 mm    |
| B   | 27 mm     |
| E   | 97 mm     |
| F   | 65 mm     |
| d1  | 71.4 mm   |
| rs min  | 2 mm      |
| r1s min                                       | 2 mm      |
| Radial clearance class                        | CN        |
| Mass (without HJ ring)                        | 1.17 kg   |
| Dynamic load, C                               | 110 kN    |
| Static load, C0                               | 113 kN    |
| Fatigue limit load, Cu                        | 13.8 kN   |
| Nlim (oil)                                    | 6,900 rpm |
| Nlim (grease)                                 | 5,900 rpm |
| Min operating temperature, Tmin               | -20 ° C   |
| Max operating temperature, Tmax               | 120 ° C   |
| Characteristic cage frequency, FTF            | 0.4 Hz    |
| Characteristic rolling element frequency, BSF | 4.86 Hz   |
| Characteristic outer ring frequency, BPF0     | 5.22 Hz   |
| Characteristic inner ring frequency, BPF1     | 7.78 Hz   |
|   |           |

NJ310ET2X Bearing 2D drawings and 3D CAD models



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|                      |                 |
|----------------------|-----------------|
| da min               | 59 mm           |
| da max               | 63 mm           |
| dc min               | 73 mm           |
| Da max               | 101 mm          |
| ra max               | 2 mm            |
| Category             | Roller Bearings |
| Inventory            | 0.0             |
| Manufacturer Name    | NTN             |
| Minimum Buy Quantity | N/A             |
| Weight / Kilogram    | 1.171           |
| EAN                  | 4547359491098   |
| Product Group        | B04144          |