



# HMSA BEARING MANUFACTURING LIMITED

## 25 mm x 62 mm x 24 mm NTN NJ2305ET2XC4 Single row cylindrical roller bearings

Bearing No. NJ2305ET2XC4

|   |            |
|---|------------|
| d   | 25 mm      |
| D   | 62 mm      |
| B   | 24 mm      |
| E   | 54 mm      |
| F   | 34 mm      |
| d1  | 38 mm      |
| rs min  | 1.1 mm     |
| r1s min                                       | 1.1 mm     |
| Radial clearance class                        | C4         |
| Mass (without HJ ring)                        | 0.34 kg    |
| Dynamic load, C                               | 57 kN      |
| Static load, C0                               | 56 kN      |
| Fatigue limit load, Cu                        | 6.8 kN     |
| Nlim (oil)                                    | 11,000 rpm |
| Nlim (grease)                                 | 9,700 rpm  |
| Min operating temperature, Tmin               | -20 ° C    |
| Max operating temperature, Tmax               | 120 ° C    |
| Characteristic cage frequency, FTF            | 0.39 Hz    |
| Characteristic rolling element frequency, BSF | 4.17 Hz    |
| Characteristic outer ring frequency, BPF0     | 4.25 Hz    |
| Characteristic inner ring frequency, BRFI     | 6.75 Hz    |
|   |            |

NJ2305ET2XC4 Bearing 2D drawings and 3D CAD models



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|                      |          |
|----------------------|----------|
| da min               | 31.5 mm  |
| da max               | 33 mm    |
| dc min               | 40 mm    |
| Da max               | 55.5 mm  |
| ra max               | 1 mm     |
| Category             | Bearings |
| Inventory            | 0.0      |
| Manufacturer Name    | NTN      |
| Minimum Buy Quantity | N/A      |
| Weight / Kilogram    | 0.345    |
| Product Group        | B04144   |