



## NTN Bearing Rolamentos do Brasil Ltda.

70 mm x 150 mm x 51 mm NTN NUP2314C3U  
Single row cylindrical roller bearings

Bearing No. NUP2314C3U

|   |           |
|---|-----------|
| d   | 70 mm     |
| D   | 150 mm    |
| B   | 51 mm     |
| E   | 130 mm    |
| F   | 90 mm     |
| d1  | 98 mm     |
| rs min  | 2.1 mm    |
| r1s min                                       | 2.1 mm    |
| Radial clearance class                        | C3        |
| Mass (without HJ ring)                        | 4.18 kg   |
| Dynamic load, C                               | 223 kN    |
| Static load, C0                               | 262 kN    |
| Fatigue limit load, Cu                        | 31.1 kN   |
| Nlim (oil)                                    | 4,800 rpm |
| Nlim (grease)                                 | 4,100 rpm |
| Min operating temperature, Tmin               | -40 ° C   |
| Max operating temperature, Tmax               | 120 ° C   |
| Characteristic cage frequency, FTF            | 0.41 Hz   |
| Characteristic rolling element frequency, BSF | 5.32 Hz   |
| Characteristic outer ring frequency, BPF0     | 5.32 Hz   |
| Characteristic inner ring frequency, BRFI     | 7.68 Hz   |
|   |           |

NUP2314C3U Bearing 2D drawings and 3D CAD models



## NTN Bearing Rolamentos do Brasil Ltda.

|                      |               |
|----------------------|---------------|
| da min               | 81 mm         |
| dc min               | 100 mm        |
| Da max               | 139 mm        |
| ra max               | 2 mm          |
| Category             | Bearings      |
| Inventory            | 0.0           |
| Manufacturer Name    | NTN           |
| Minimum Buy Quantity | N/A           |
| Weight / Kilogram    | 4.184         |
| EAN                  | 0692314625842 |
| Product Group        | B04144        |