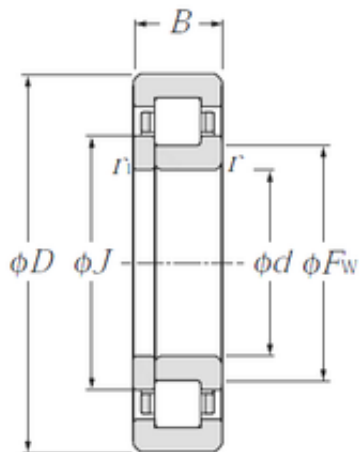




Bearing No. NUP2314

|               |                                |
|---------------|--------------------------------|
| E             | 130 mm                         |
| D             | 150 mm                         |
| J             | 98 mm                          |
| B             | 51 mm                          |
| C             | 51 mm                          |
| d             | 70 mm                          |
| F             | 90 mm                          |
| Fw            | 90 mm                          |
| d1            | 98 mm                          |
| Da max        | 139 mm                         |
| dc min        | 100 mm                         |
| r min.        | 2,1 mm                         |
| da min        | 81 mm                          |
| Weight        | 3,98 Kg                        |
| ra max        | 2 mm                           |
| rs min        | 2.1 mm                         |
| r1 min.       | 2,1 mm                         |
| r1s min       | 2.1 mm                         |
| Category      | Roller Bearings                |
| flanges:      | (2) Outer Ring, (2) Inner Ring |
| Size (mm)     | 70x150x51                      |
| Inventory     | 0.0                            |
| Width (mm)    | 51                             |
| Nlim (oil)    | 4,800 rpm                      |
| bore type:    | Straight                       |
| maximum rpm:  | 4800 rpm                       |
| closure type: | Open                           |
| Product Group | B04144                         |
| Nlim (grease) | 4,100 rpm                      |
|               |                                |

|                               |                            |
|-------------------------------|----------------------------|
| fillet radius:                | 2.1 mm                     |
| overall width:                | 35 mm                      |
| cage material:                | Pressed Steel              |
| bore diameter:                | 70 mm                      |
| Bearing number                | NUP2314                    |
| Dynamic load, C               | 223 kN                     |
| number of rows:               | 1                          |
| Static load, C0               | 262 kN                     |
| finish/coating:               | Uncoated                   |
| ring separation:              | Separable Inner Ring       |
| bearing material:             | Hardened Alloy Steel       |
| Manufacturer Name             | NTN                        |
| Weight / Kilogram             | 0                          |
| outside diameter:             | 150 mm                     |
| precision rating:             | ISO Class 0                |
| Bore Diameter (mm)            | 70                         |
| internal clearance:           | CN                         |
| Outer Diameter (mm)           | 150                        |
| Minimum Buy Quantity          | N/A                        |
| static load capacity:         | 262000 N                   |
| dynamic load capacity:        | 223000 N                   |
| Mass (without HJ ring)        | 4.18 kg                    |
| Fatigue limit load, Cu        | 31.1 kN                    |
| Radial clearance class        | CN                         |
| (Grease) Lubrication Speed    | 4 100 r/min                |
| manufacturer product page:    | <a href="#">Click here</a> |
| operating temperature range:  | -40 to 120 °C              |
| Basic static load rating (C0) | 262 kN                     |
| Basic dynamic load rating (C) | 223 kN                     |

|                                               |         |
|-----------------------------------------------|---------|
| Max operating temperature, Tmax               | 120 °C  |
| Min operating temperature, Tmin               | -40 °C  |
| Characteristic cage frequency, FTF            | 0.41 Hz |
| Characteristic inner ring frequency, BPFI     | 7.68 Hz |
| Characteristic outer ring frequency, BPF0     | 5.32 Hz |
| Characteristic rolling element frequency, BSF | 5.32 Hz |