



Bearing No. NU410

|           |                                    |
|-----------|------------------------------------|
| E         | 110.8 mm                           |
| d         | 50 mm                              |
| D         | 130 mm                             |
| B         | 31 mm                              |
| C         | 31 mm                              |
| F         | 70.8 mm                            |
| Fw        | 70,8 mm                            |
| Bore      | 1.969 Inch   50 Millimeter         |
| Noun      | Bearing                            |
| Width     | 1.22 Inch   31 Millimeter          |
| UNSPSC    | 31171547                           |
| ra max    | 2 mm                               |
| Da max    | 119 mm                             |
| db min    | 73 mm                              |
| da min    | 61 mm                              |
| rs min    | 2.1 mm                             |
| da max    | 69 mm                              |
| Weight    | 2,02 Kg                            |
| r min.    | 2,1 mm                             |
| r1s min   | 2.1 mm                             |
| r1 min.   | 2,1 mm                             |
| r1a max   | 2 mm                               |
| Profile   | Complete with Outer and Inner Ring |
| Retainer  | Yes                                |
| Category  | Cylindrical Roller Bearing         |
| Snap Ring | No                                 |
| Inventory | 0.0                                |
| Size (mm) | 50x130x31                          |
|           |                                    |

|                    |                                                                                                                                                                                                                                    |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Separable          | Inner Ring - Both Sides                                                                                                                                                                                                            |
| Width (mm)         | 31                                                                                                                                                                                                                                 |
| Nlim (oil)         | 5,500 rpm                                                                                                                                                                                                                          |
| Weight / LBS       | 4.4                                                                                                                                                                                                                                |
| Bore Profile       | Straight                                                                                                                                                                                                                           |
| Product Group      | B04144                                                                                                                                                                                                                             |
| Cage Material      | Steel                                                                                                                                                                                                                              |
| Inch - Metric      | Metric                                                                                                                                                                                                                             |
| Nlim (grease)      | 4,700 rpm                                                                                                                                                                                                                          |
| Relubricatable     | Yes                                                                                                                                                                                                                                |
| Other Features     | Plain Inner Ring   2 Rib<br>Outer Ring   Cage on<br>Outer Ring ID                                                                                                                                                                  |
| Bearing number     | NU410                                                                                                                                                                                                                              |
| Precision Class    | RBEC 1   ISO P0                                                                                                                                                                                                                    |
| Rolling Element    | Cylindrical Roller<br>Bearing                                                                                                                                                                                                      |
| Static load, C0    | 124 kN                                                                                                                                                                                                                             |
| Dynamic load, C    | 129 kN                                                                                                                                                                                                                             |
| Long Description   | 50MM Bore; Straight<br>Bore Profile; 130MM<br>Outside Diameter;<br>31MM Width; Steel<br>Cage Material; RBEC 1<br>  ISO P0; Single Row;<br>Inner Ring - Both Sides<br>Separable; No Snap<br>Ring; Relubricatable;<br>C0-Medium Inte |
| Manufacturer URL   | <a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>                                                                                                                                                                  |
| Outside Diameter   | 5.118 Inch   130<br>Millimeter                                                                                                                                                                                                     |
| Weight / Kilogram  | 2                                                                                                                                                                                                                                  |
| Manufacturer Name  | NTN                                                                                                                                                                                                                                |
| Internal Clearance | C0-Medium                                                                                                                                                                                                                          |
|                    |                                                                                                                                                                                                                                    |

|                                               |               |
|-----------------------------------------------|---------------|
| Bore Diameter (mm)                            | 50            |
| Outer Diameter (mm)                           | 130           |
| Minimum Buy Quantity                          | N/A           |
| Harmonized Tariff Code                        | 8482.50.00.00 |
| Radial clearance class                        | CN            |
| Mass (without HJ ring)                        | 1.96 kg       |
| Fatigue limit load, Cu                        | 15.1 kN       |
| Manufacturer Item Number                      | NU410         |
| Number of Rows of Rollers                     | Single Row    |
| (Grease) Lubrication Speed                    | 4 700 r/min   |
| Manufacturer Internal Number                  | 70737         |
| Basic static load rating (C0)                 | 124 kN        |
| Basic dynamic load rating (C)                 | 129 kN        |
| Min operating temperature, Tmin               | -40 °C        |
| Max operating temperature, Tmax               | 120 °C        |
| Characteristic cage frequency, FTF            | 0.39 Hz       |
| Characteristic outer ring frequency, BPF0     | 3.9 Hz        |
| Characteristic inner ring frequency, BPFI     | 6.1 Hz        |
| Characteristic rolling element frequency, BSF | 4.32 Hz       |