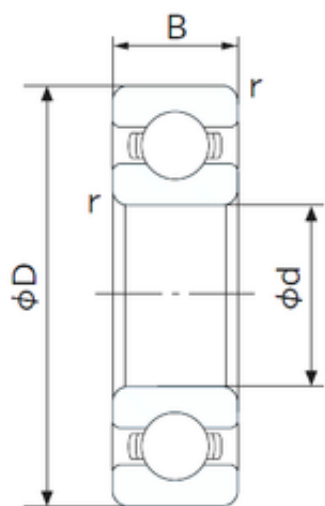




Bearing No. 16010

|               |                            |
|---------------|----------------------------|
| C             | 10 mm                      |
| d             | 50 mm                      |
| D             | 80 mm                      |
| B             | 10 mm                      |
| Noun          | Bearing                    |
| Bore          | 1.969 Inch   50 Millimeter |
| Width         | 10 mm                      |
| Weight        | 0.180 Kg                   |
| UNSPSC        | 31171504                   |
| r min.        | 0.6 mm                     |
| Da max.       | 73 mm                      |
| ra max.       | 0.6 mm                     |
| da min.       | 57 mm                      |
| Category      | Single Row Ball Bearing    |
| Da (max)      | 73 mm                      |
| da (min)      | 57 mm                      |
| ra (max)      | 0.6 mm                     |
| Bore Size     | 50 mm                      |
| Inventory     | 0.0                        |
| Bore Type     | Cylindrical Bore           |
| Factor fo     | 16.1                       |
| Enclosure     | Open                       |
| Snap Ring     | No                         |
| Size (mm)     | 50x80x10                   |
| Width (mm)    | 10                         |
| Weight / LBS  | 0.4                        |
| Inch - Metric | Metric                     |
| Product Group | B00308                     |
| Configuration | Single Row                 |
|               |                            |

|                            |                                                                                                                                                              |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Keyword String             | Ball                                                                                                                                                         |
| Bearing number             | 16010                                                                                                                                                        |
| Rolling Element            | Ball Bearing                                                                                                                                                 |
| Precision Class            | ABEC 1   ISO P0                                                                                                                                              |
| Long Description           | 50MM Bore; 80MM Outside Diameter; 10MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Outer Race Width           | 0.394 Inch   10 Millimeter                                                                                                                                   |
| Radial Clearance           | 0.006 to 0.023 mm                                                                                                                                            |
| Manufacturer URL           | <a href="http://www.nachi.com">http://www.nachi.com</a>                                                                                                      |
| Outside Diameter           | 3.15 Inch   80 Millimeter                                                                                                                                    |
| Weight / Kilogram          | 0.182                                                                                                                                                        |
| Manufacturer Name          | NACHI                                                                                                                                                        |
| Static Load Rating         | 13,100 N                                                                                                                                                     |
| Internal Clearance         | C0-Medium                                                                                                                                                    |
| Bore Diameter (mm)         | 50                                                                                                                                                           |
| Dynamic Load Rating        | 16,100 N                                                                                                                                                     |
| Outer Diameter (mm)        | 80                                                                                                                                                           |
| Minimum Buy Quantity       | N/A                                                                                                                                                          |
| Limiting Speed - Oil       | 10,000 rpm                                                                                                                                                   |
| Fillet Radius/Chamfer      | 0.6 mm                                                                                                                                                       |
| Harmonized Tariff Code     | 8482.10.50.68                                                                                                                                                |
| Limiting Speed - Grease    | 8,500 rpm                                                                                                                                                    |
| Manufacturer Item Number   | 16010 BNLS                                                                                                                                                   |
| Internal Special Features  | No                                                                                                                                                           |
| (Grease) Lubrication Speed | 8300 r/min                                                                                                                                                   |
| Basic static load rating   | 13,1 kN                                                                                                                                                      |

|                                 |         |
|---------------------------------|---------|
| (C0)                            |         |
| Basic dynamic load rating (C)   | 16,1 kN |
| Maximum Capacity / Filling Slot | No      |