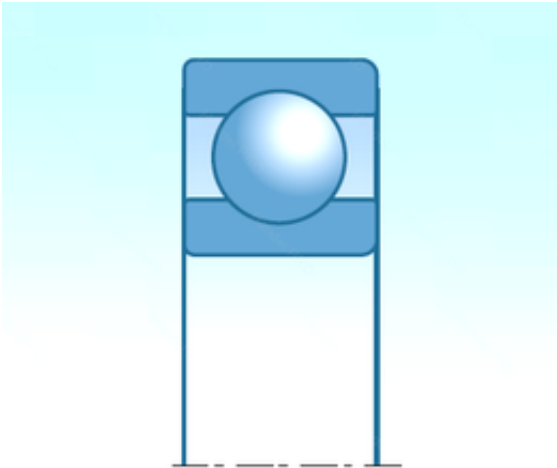




Bearing No. 6304LU

|               |                            |
|---------------|----------------------------|
| C             | 15,000 mm                  |
| d             | 20,000 mm                  |
| D             | 52,000 mm                  |
| B             | 15,000 mm                  |
| f0            | 12.4                       |
| Noun          | Bearing                    |
| Bore          | 0.787 Inch   20 Millimeter |
| Mass          | 0.14 kg                    |
| ra max        | 1 mm                       |
| Da max        | 45.5 mm                    |
| rs min        | 1.1 mm                     |
| da min        | 26.5 mm                    |
| da max        | 28.5 mm                    |
| UNSPSC        | 31171504                   |
| series:       | 63                         |
| Category      | Single Row Ball Bearing    |
| Snap Ring     | No                         |
| Size (mm)     | 20x52x15                   |
| Inventory     | 0.0                        |
| Enclosure     | 1 Seal                     |
| bore type:    | Round                      |
| Width (mm)    | 15,000                     |
| Weight / LBS  | 0.304                      |
| maximum rpm:  | 17000 RPM                  |
| Product Group | B00308                     |
| Inch - Metric | Metric                     |
| Cage Material | Steel                      |
| Nlim (grease) | 10,000 rpm                 |
| closure type: | Single Seal                |
|               |                            |

| Keyword String    | Ball                                                                                                                                                                                                     |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| overall width:    | 15 mm                                                                                                                                                                                                    |
| Other Features    | Deep Groove   Double Lip Friction Nitrile Rubber Seal   -20 To 120 Deg C                                                                                                                                 |
| cage material:    | Steel                                                                                                                                                                                                    |
| fillet radius:    | 1.1 mm                                                                                                                                                                                                   |
| Enclosure Type    | Contact Seal                                                                                                                                                                                             |
| bore diameter:    | 20 mm                                                                                                                                                                                                    |
| Bearing number    | 6304LU                                                                                                                                                                                                   |
| Rolling Element   | Ball Bearing                                                                                                                                                                                             |
| Precision Class   | ABEC 1   ISO P0                                                                                                                                                                                          |
| Dynamic load, C   | 15.9 kN                                                                                                                                                                                                  |
| Static load, C0   | 7.9 kN                                                                                                                                                                                                   |
| finish/coating:   | Uncoated                                                                                                                                                                                                 |
| Inner Race Width  | 0 Inch   0 Millimeter                                                                                                                                                                                    |
| Long Description  | 20MM Bore; 52MM Outside Diameter; 15MM Outer Race Width; 1 Seal; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage; C |
| Outside Diameter  | 2.047 Inch   52 Millimeter                                                                                                                                                                               |
| Manufacturer URL  | <a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>                                                                                                                                        |
| Outer Race Width  | 0.591 Inch   15 Millimeter                                                                                                                                                                               |
| outer ring width: | 15 mm                                                                                                                                                                                                    |
| inner ring width: | 15 mm                                                                                                                                                                                                    |
| bearing material: | High Carbon Chrome                                                                                                                                                                                       |

|                                    |                            |
|------------------------------------|----------------------------|
|                                    | Steel                      |
| outside diameter:                  | 52 mm                      |
| precision rating:                  | ISO Class 0                |
| Manufacturer Name                  | NTN                        |
| Weight / Kilogram                  | 0.138                      |
| Internal Clearance                 | C0-Medium                  |
| Bore Diameter (mm)                 | 20,000                     |
| internal clearance:                | CN                         |
| snap ring included:                | Without Snap Ring          |
| Outer Diameter (mm)                | 52,000                     |
| Minimum Buy Quantity               | N/A                        |
| maximum rpm (grease):              | 10000 rpm                  |
| row type & fill slot:              | Single Row Non-Fill Slot   |
| static load capacity:              | 7900 N                     |
| Harmonized Tariff Code             | 8482.10.50.68              |
| Fatigue limit load, Cu             | 0.36 kN                    |
| dynamic load capacity:             | 15900 N                    |
| Radial clearance class             | CN                         |
| Manufacturer Item Number           | 6304LU                     |
| Internal Special Features          | No                         |
| manufacturer product page:         | <a href="#">Click here</a> |
| operating temperature range:       | -40 to 120 °C              |
| Maximum Capacity / Filling Slot    | No                         |
| Min operating temperature, Tmin    | -25 °C                     |
| Max operating temperature, Tmax    | 110 °C                     |
| Characteristic cage frequency, FTF | 0.37 Hz                    |
| Characteristic inner ring          | 4.43 Hz                    |

|                                               |         |
|-----------------------------------------------|---------|
| frequency, BPF1                               |         |
| Characteristic outer ring frequency, BPF0     | 2.57 Hz |
| Characteristic rolling element frequency, BSF | 3.52 Hz |