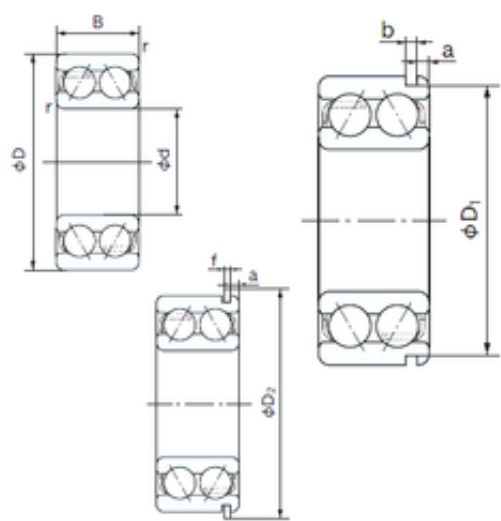




Bearing No. 5204NR

|           |                                 |
|-----------|---------------------------------|
| f         | 1.12 mm                         |
| d         | 20 mm                           |
| D         | 47 mm                           |
| B         | 20.6 mm                         |
| C         | 20.6 mm                         |
| a         | 2.46 mm                         |
| b         | 1.35 mm                         |
| Cy        | 3.3 mm                          |
| da        | 26 mm                           |
| D2        | 52.7 mm                         |
| D1        | 44.6 mm                         |
| Da        | 41 mm                           |
| Dx        | 53.5 mm                         |
| ra        | 1 mm                            |
| Bore      | 0.787 Inch   20<br>Millimeter   |
| Noun      | Bearing                         |
| Width     | 0.811 Inch   20.6<br>Millimeter |
| r min.    | 1 mm                            |
| Weight    | 0.120 Kg                        |
| UNSPSC    | 31171531                        |
| a (max)   | 2.5 mm                          |
| Category  | Angular Contact Ball<br>Bearing |
| Snap Ring | Yes                             |
| Enclosure | Open                            |
| Bore Type | Cylindrical Bore                |
| Bore Size | 20 mm                           |
| Inventory | 0.0                             |
| Size (mm) | 20x47x20.6                      |
|           |                                 |

|                      |                                                                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Width (mm)           | 20.6                                                                                                                                                      |
| Flush Ground         | No                                                                                                                                                        |
| Weight / LBS         | 0.26                                                                                                                                                      |
| Configuration        | Double Row                                                                                                                                                |
| Inch - Metric        | Metric                                                                                                                                                    |
| Cage Material        | Steel                                                                                                                                                     |
| Product Group        | B00152                                                                                                                                                    |
| Contact Angle        | 20 Degree                                                                                                                                                 |
| Bearing number       | 5204NR                                                                                                                                                    |
| Keyword String       | Angular Contact                                                                                                                                           |
| Precision Class      | ABEC 1   ISO P0                                                                                                                                           |
| Snap Ring Width      | 1.1 mm                                                                                                                                                    |
| Rolling Element      | Ball Bearing                                                                                                                                              |
| Long Description     | 20MM Bore; 47MM Outside Diameter; 20.6MM Width; Open; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 1   ISO P0; No Filling Slot; Yes Snap Ring |
| Radial Clearance     | 0.005 to 0.020 mm                                                                                                                                         |
| Manufacturer URL     | <a href="http://www.nachi.com">http://www.nachi.com</a>                                                                                                   |
| Outside Diameter     | 1.85 Inch   47 Millimeter                                                                                                                                 |
| Manufacturer Name    | NACHI                                                                                                                                                     |
| Weight / Kilogram    | 0.118                                                                                                                                                     |
| Bore Diameter (mm)   | 20                                                                                                                                                        |
| Static Load Rating   | 12,700 N                                                                                                                                                  |
| Internal Clearance   | C0-Medium                                                                                                                                                 |
| Number of Bearings   | 1 (Single)                                                                                                                                                |
| Dynamic Load Rating  | 20,000 N                                                                                                                                                  |
| Outer Diameter (mm)  | 47                                                                                                                                                        |
| Limiting Speed - Oil | 14,000 rpm                                                                                                                                                |
| Minimum Buy Quantity | N/A                                                                                                                                                       |
|                      |                                                                                                                                                           |

|                                 |               |
|---------------------------------|---------------|
| Fillet Radius/Chamfer           | 1 mm          |
| Harmonized Tariff Code          | 8482.10.50.28 |
| Number of Rows of Balls         | Double Row    |
| Limiting Speed - Grease         | 10,000 rpm    |
| Manufacturer Item Number        | 5204 NR BNLS  |
| Snap Ring Outside Diameter      | 52.7 mm       |
| (Grease) Lubrication Speed      | 10000 r/min   |
| Basic static load rating (C0)   | 12,7 kN       |
| Basic dynamic load rating (C)   | 20 kN         |
| Maximum Capacity / Filling Slot | No            |