



Bearing No. 7214B

|           |                              |
|-----------|------------------------------|
| D         | 125 mm                       |
| d         | 70 mm                        |
| B         | 24 mm                        |
| C         | 24 mm                        |
| a         | 29.0 mm                      |
| r1        | 1 mm                         |
| Noun      | Bearing                      |
| Bore      | 2.756 Inch   70 Millimeter   |
| Width     | 0.945 Inch   24 Millimeter   |
| UNSPSC    | 31171531                     |
| r min.    | 1.5 mm                       |
| Weight    | 1.12 Kg                      |
| ra max.   | 1.5 mm                       |
| da min.   | 79 mm                        |
| Da max.   | 116 mm                       |
| r1 min.   | 1 mm                         |
| Category  | Angular Contact Ball Bearing |
| ra (max)  | 1.5 mm                       |
| Size (mm) | 70x125x24                    |
| da1 (min) | 79 mm                        |
| da2 (min) | 75 mm                        |
| Bore Size | 70 mm                        |
| Bore Type | Cylindrical Bore             |
| Da1 (max) | 116 mm                       |
| Da2 (max) | 119.6 mm                     |
| ra1 (max) | 1 mm                         |
| Snap Ring | No                           |
| Enclosure | Open                         |

|                      |                                                                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inventory            | 0.0                                                                                                                                                     |
| Width (mm)           | 24                                                                                                                                                      |
| Flush Ground         | No                                                                                                                                                      |
| Weight / LBS         | 2.47                                                                                                                                                    |
| Contact Angle        | 40 Degree                                                                                                                                               |
| Inch - Metric        | Metric                                                                                                                                                  |
| Product Group        | B00308                                                                                                                                                  |
| Configuration        | Single Row                                                                                                                                              |
| Cage Material        | Steel                                                                                                                                                   |
| Bearing number       | 7214B                                                                                                                                                   |
| Keyword String       | Angular Contact                                                                                                                                         |
| Rolling Element      | Ball Bearing                                                                                                                                            |
| Angle (?)            | 40 °                                                                                                                                                    |
| Precision Class      | ABEC 1   ISO P0                                                                                                                                         |
| Long Description     | 70MM Bore; 125MM Outside Diameter; 24MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1   ISO P0; No Filling Slot; No Snap Ring |
| Manufacturer URL     | <a href="http://www.nachi.com">http://www.nachi.com</a>                                                                                                 |
| Outside Diameter     | 4.921 Inch   125 Millimeter                                                                                                                             |
| Manufacturer Name    | NACHI                                                                                                                                                   |
| Weight / Kilogram    | 1.121                                                                                                                                                   |
| Static Load Rating   | 59,500 N                                                                                                                                                |
| Internal Clearance   | C0-Medium                                                                                                                                               |
| Number of Bearings   | 1 (Single)                                                                                                                                              |
| Bore Diameter (mm)   | 70                                                                                                                                                      |
| Outer Diameter (mm)  | 125                                                                                                                                                     |
| Dynamic Load Rating  | 71,500 N                                                                                                                                                |
| Minimum Buy Quantity | N/A                                                                                                                                                     |
| Limiting Speed - Oil | 5,600 rpm                                                                                                                                               |

|                                 |               |
|---------------------------------|---------------|
| Fillet Radius/Chamfer           | 1.5 mm        |
| Harmonized Tariff Code          | 8482.10.50.28 |
| Limiting Speed - Grease         | 4,300 rpm     |
| Number of Rows of Balls         | Single Row    |
| Manufacturer Item Number        | 7214 B BNLS   |
| (Grease) Lubrication Speed      | 4300 r/min    |
| Basic dynamic load rating (C)   | 71,5 kN       |
| Basic static load rating (C0)   | 59,5 kN       |
| Maximum Capacity / Filling Slot | No            |