



# MACHINE PRECISION AXLE CORP.



5S-BNT205DBP4V2 Bearing 2D drawings and 3D CAD models

0.984 Inch | 25 Millimeter x 2.047 Inch | 52 Millimeter x 1.181 Inch | 30 Millimeter NTN 5S-BNT205DBP4V2 Precision Ball Bearings

Bearing No. 5S-BNT205DBP4V2

|                      |                                                                                                                                                |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Category             | Precision Ball Bearings                                                                                                                        |
| Inventory            | 0.0                                                                                                                                            |
| Manufacturer Name    | NTN                                                                                                                                            |
| Minimum Buy Quantity | N/A                                                                                                                                            |
| Weight               | 0.218                                                                                                                                          |
| Product Group        | B04270                                                                                                                                         |
| Enclosure            | Open                                                                                                                                           |
| Precision Class      | ABEC 7   ISO P4                                                                                                                                |
| Material - Ball      | Ceramic                                                                                                                                        |
| Number of Bearings   | 2 (1 Pair)                                                                                                                                     |
| Contact Angle        | 15 Degree                                                                                                                                      |
| Preload              | None                                                                                                                                           |
| Raceway Style        | 1 Rib Inner Ring                                                                                                                               |
| Cage Material        | Phenolic                                                                                                                                       |
| Rolling Element      | Ball Bearing                                                                                                                                   |
| Mounting Arrangement | Duplex-Back to Back                                                                                                                            |
| Flush Ground         | Yes                                                                                                                                            |
| Inch - Metric        | Metric                                                                                                                                         |
| Other Features       | Single Row   Angular Contact   High Speed   Corrosion Resistant Ball                                                                           |
| Long Description     | 25MM Bore; 52MM Outside Diameter; 30MM Width; Open Enclosure; ABEC 7   ISO P4 Precision; Ceramic Ball Material; 2 (1 Pair) Bearings; 15 Degree |



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|                          |                                                                   |
|--------------------------|-------------------------------------------------------------------|
|                          | Contact Angle; Phenolic Cage Material; 1 Rib Inner Ring R         |
| Category                 | Precision Ball Bearings                                           |
| UNSPSC                   | 31171531                                                          |
| Harmonized Tariff Code   | 8482.10.50.28                                                     |
| Noun                     | Bearing                                                           |
| Keyword String           | Angular Contact Ball                                              |
| Manufacturer URL         | <a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a> |
| Manufacturer Item Number | 5S-BNT205DBP4V2                                                   |
| Weight / LBS             | 0.481                                                             |
| B                        | 1.181 Inch   30 Millimeter                                        |
| d                        | 0.984 Inch   25 Millimeter                                        |
| D                        | 2.047 Inch   52 Millimeter                                        |