



## BEARING PRECISION AXLE CORP.

35 mm x 62 mm x 14 mm NTN 7007C Angular contact ball bearings



Bearing No. 7007C

|                               |                               |
|-------------------------------|-------------------------------|
| Size                          | 35x62x14 mm                   |
| Bore Diameter                 | 35 mm                         |
| Outer Diameter                | 62 mm                         |
| Width                         | 14 mm                         |
| d                             | 35 mm                         |
| D                             | 62 mm                         |
| B                             | 14 mm                         |
| C                             | 14 mm                         |
| Angle ( ° )                   | 15 °                          |
| a                             | 13,5 mm                       |
| r min.                        | 1 mm                          |
| r1 min.                       | 0,6 mm                        |
| Weight                        | 0,149 Kg                      |
| Basic dynamic load rating (C) | 19,1 kN                       |
| Basic static load rating (C0) | 13,7 kN                       |
| (Grease) Lubrication Speed    | 17 000 r/min                  |
| (Oil) Lubrication Speed       | 23 000 r/min                  |
| Category                      | Angular Contact Ball Bearings |
| Inventory                     | 0.0                           |
| Manufacturer Name             | NTN                           |
| Minimum Buy Quantity          | N/A                           |
| Weight / Kilogram             | 0                             |
| EAN                           | 0692314563236                 |
| Product Group                 | B00308                        |
|                               |                               |

7007C Bearing 2D drawings and 3D CAD models



## BEARING PRECISION AXLE CORP.

|                                 |  |
|---------------------------------|--|
| Enclosure                       | Open   |
| Flush Ground                    | No   |
| Rolling Element                 | Ball Bearing   |
| Number of Rows of Balls         | Single Row   |
| Precision Class                 | ABEC 1   ISO P0  |
| Maximum Capacity / Filling Slot | No   |
| Snap Ring                       | No   |
| Cage Material                   | Steel  |
| Contact Angle                   | 15 Degree  |
| Internal Clearance              | C0-Medium  |
| Number of Bearings              | 1 (Single)   |
| Inch - Metric                   | Metric   |
| Long Description                | 35MM Bore; 62MM Outside Diameter; 14MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Steel Cage; 15 Degree; 1 (Single) |
| Category                        | Angular Contact Ball Bearing   |
| UNSPSC                          | 31171531   |
| Harmonized Tariff Code          | 8482.10.50.28  |
| Noun                            | Bearing  |
| Keyword String                  | Angular Contact  |
| Manufacturer URL                | <a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>  |
| Bore                            | 1.378 Inch   35 Millimeter   |
| Outside Diameter                | 2.441 Inch   62 Millimeter   |
| Width                           | 0.551 Inch   14 Millimeter   |