



# BEARING CORP.OF CANADA LTD.



6205 Zz - O&Kai Z1V1 Z2V2 Z3V3 ISO Deep Groove Ball Bearing SKF NSK NTN NACHI Koyo OEM

Bearing No. 6205

6205 Bearing 2D drawings and 3D CAD models

|                               |                          |
|-------------------------------|--------------------------|
| Size                          | 25x52x15 mm              |
| Bore Diameter                 | 25 mm                    |
| Outer Diameter                | 52 mm                    |
| Width                         | 15 mm                    |
| d                             | 25 mm                    |
| D                             | 52 mm                    |
| B                             | 15 mm                    |
| C                             | 15 mm                    |
| r min.                        | 1 mm                     |
| da min.                       | 31 mm                    |
| Da max.                       | 46 mm                    |
| ra max.                       | 1.0 mm                   |
| Weight                        | 0.128 Kg                 |
| Basic dynamic load rating (C) | 14 kN                    |
| Basic static load rating (C0) | 7,9 kN                   |
| (Grease) Lubrication Speed    | 12000 r/min              |
| Category                      | Single Row Ball Bearings |
| Inventory                     | 0.0                      |
| Manufacturer Name             | NACHI                    |
| Minimum Buy Quantity          | N/A                      |
| Weight / Kilogram             | 0                        |
| Product Group                 | B00308                   |
| Enclosure                     | Open                     |
| Precision Class               | ABEC 1   ISO P0          |



## BEARING CORP.OF CANADA LTD.

|                                 |   |
|---------------------------------|---|
| Maximum Capacity / Filling Slot | No  |
| Rolling Element                 | Ball Bearing  |
| Snap Ring                       | No  |
| Internal Special Features       | No  |
| Cage Material                   | Steel   |
| Internal Clearance              | C0-Medium   |
| Inch - Metric                   | Metric  |
| Long Description                | 25MM Bore; 52MM Outside Diameter; 15MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage |
| Other Features                  | Deep Groove   |
| Category                        | Single Row Ball Bearing   |
| UNSPSC                          | 31171504  |
| Harmonized Tariff Code          | 8482.10.50.68   |
| Noun                            | Bearing   |
| Keyword String                  | Ball  |
| Manufacturer URL                | <a href="http://www.nachiamerica.com">http://www.nachiamerica.com</a>   |
| Weight / LBS                    | 0.28219   |
| Inner Race Width                | 0 Inch   0 Millimeter   |
| Outside Diameter                | 2.047 Inch   52 Millimeter  |
| Outer Race Width                | 0.591 Inch   15 Millimeter  |
| Bore                            | 0.984 Inch   25 Millimeter  |
| Bore Type                       | Cylindrical Bore  |
| Configuration                   | Single Row  |
| Bore Size                       | 25 mm   |
| Width                           | 15 mm   |
| Fillet Radius/Chamfer           | 1 mm  |
|                                 |   |



## BEARING CORP.OF CANADA LTD.

|                         |                   |
|-------------------------|-------------------|
| Dynamic Load Rating     | 14,000 N          |
| Static Load Rating      | 7,900 N           |
| Limiting Speed - Grease | 13,000 rpm        |
| Limiting Speed - Oil    | 16,000 rpm        |
| Factor fo               | 13.9              |
| Radial Clearance        | 0.005 to 0.020 mm |
| da (min)                | 31 mm             |
| Da (max)                | 46 mm             |
| ra (max)                | 1 mm              |