



# BEARING CORP.OF CANADA LTD.



NSK/NTN/KOYO/FAG car parts 6309 DDU  
2RS ZZ Motor reducer deep groove ball bearing

Bearing No. 6309

6309 Bearing 2D drawings and 3D CAD models

|                               |                          |
|-------------------------------|--------------------------|
| Size                          | 45x100x25 mm             |
| Bore Diameter                 | 45 mm                    |
| Outer Diameter                | 100 mm                   |
| Width                         | 25 mm                    |
| d                             | 45 mm                    |
| D                             | 100 mm                   |
| B                             | 25 mm                    |
| C                             | 25 mm                    |
| r min.                        | 1,5 mm                   |
| da min.                       | 53 mm                    |
| Da max.                       | 92 mm                    |
| ra max.                       | 1,5 mm                   |
| Weight                        | 0,833 Kg                 |
| Basic dynamic load rating (C) | 48,9 kN                  |
| Basic static load rating (C0) | 29,5 kN                  |
| (Grease) Lubrication Speed    | 6800 r/min               |
| (Oil) Lubrication Speed       | 8100 r/min               |
| Category                      | Single Row Ball Bearings |
| Inventory                     | 0.0                      |
| Manufacturer Name             | KOYO                     |
| Minimum Buy Quantity          | N/A                      |
| Weight / Kilogram             | 0.912                    |
| EAN                           | 0605790076534            |
| Product Group                 | B00308                   |
| Enclosure                     | Open                     |



## BEARING CORP.OF CANADA LTD.

|                                 |   |
|---------------------------------|---|
| Precision Class                 | ABEC 1   ISO P0   |
| 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                | 45MM Bore; 100MM Outside Diameter; 25MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| 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.koyousa.com">http://www.koyousa.com</a>   |
| Manufacturer Item Number        | 6309  |
| Weight / LBS                    | 2.008   |
| Bore                            | 1.772 Inch   45 Millimeter  |
| Outside Diameter                | 3.937 Inch   100 Millimeter   |
| Outer Race Width                | 0.984 Inch   25 Millimeter  |
| Bearing No.                     | 6309  |
| r(min)                          | 1.5   |
| Cr                              | 61.1  |
| C0r                             | 29.5  |
| Cu                              | 2.25  |
| f0                              | 13.3  |
| Grease lub.                     | 6800  |
|                                 |   |



## BEARING CORP.OF CANADA LTD.

|                  |       |
|------------------|-------|
| Oil lub.         | 8100  |
| da(min)          | 53    |
| Da(max)          | 92    |
| ra(max)          | 1.5   |
| (Refer.)Mass(kg) | 0.833 |