

# 2209 NACHI 45x85x23mm Noun Bearing Self aligning ball bearings

|                                  |            |
|----------------------------------|------------|
| Bearing number                   | 2209       |
| Size (mm)                        | 45x85x23   |
| Brand                            | NACHI      |
| Bore Diameter (mm)               | 45         |
| Outer Diameter (mm)              | 85         |
| Width (mm)                       | 23         |
| d                                | 45 mm      |
| D                                | 85 mm      |
| B                                | 23 mm      |
| C                                | 23 mm      |
| r1 min.                          | 1.1 mm     |
| da min.                          | 51.5 mm    |
| Da max.                          | 78.5 mm    |
| ra max.                          | 1.0 mm     |
| Weight                           | 0.545 Kg   |
| Basic dynamic load rating<br>(C) | 23.3 kN    |
| Basic static load rating<br>(C0) | 8.15 kN    |
| (Grease) Lubrication Speed       | 7000 r/min |
| (Oil) Lubrication Speed          | 8500 r/min |
| Calculation factor (e)           | 0.30       |
| Calculation factor (Y0)          | 2.19       |
| Calculation factor (Y1)          | 2.09       |

|                         |  |
|-------------------------|--|
| Category                | Self Aligning Ball Bearings  |
| BDI Inventory           | 0.0  |
| Manufacturer Name       | NACHI  |
| Minimum Buy Quantity    | N/A  |
| Weight / Kilogram       | 0  |
| Product Group – BDI     | B00152   |
| Mounting Method         | Shaft  |
| Enclosure               | Open   |
| Rolling Element         | Ball Bearing   |
| Cage Material           | Steel  |
| Precision Class         | ABEC 1   ISO P0  |
| Internal Clearance      | C0-Medium  |
| Number of Rows of Balls | Double Row   |
| Other Features          | Allowable Misalignment 2.5 Deg   |
| Long Description        | 45MM Bore; Shaft Mount; 85MM Outside Diameter; 23MM Inner Race Width; 23MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1   ISO P0; C0-Medium |
| Inch – Metric           | Metric   |
| Category – BDI          | Self Aligning Ball Bearings  |
| UNSPSC                  | 31171532   |
| Harmonized Tariff Code  | 8482.10.50.68  |
| Noun                    | Bearing  |
| Keyword String          | Self Aligning  |
| Manufacturer URL        | <a href="http://www.nachi.com">http://www.nachi.com</a>  |
| Weight / LBS            | 1.20152  |
| Outer Race Width        | 0.906 Inch   23 Millimeter   |
| Bore                    | 1.772 Inch   45 Millimeter   |
| Outside Diameter        | 3.346 Inch   85 Millimeter   |

|                  |                            |
|------------------|----------------------------|
| Inner Race Width | 0.906 Inch   23 Millimeter |
|------------------|----------------------------|