

# 16009 NACHI Static Load Rating 10.500 N 45x75x10mm Deep groove ball bearings

|                               |                          |
|-------------------------------|--------------------------|
| Bearing number                | 16009                    |
| Size (mm)                     | 45x75x10                 |
| Brand                         | NACHI                    |
| Bore Diameter (mm)            | 45                       |
| Outer Diameter (mm)           | 75                       |
| Width (mm)                    | 10                       |
| d                             | 45 mm                    |
| D                             | 75 mm                    |
| B                             | 10 mm                    |
| C                             | 10 mm                    |
| r min.                        | 0.6 mm                   |
| da min.                       | 52 mm                    |
| Da max.                       | 68 mm                    |
| ra max.                       | 0.6 mm                   |
| Weight                        | 0.170 Kg                 |
| Basic dynamic load rating (C) | 12.9 kN                  |
| Basic static load rating (C0) | 10.5 kN                  |
| (Grease) Lubrication Speed    | 9000 r/min               |
| Category                      | Single Row Ball Bearings |
| BDI Inventory                 | 0.0                      |
| Manufacturer Name             | NACHI                    |
| Minimum Buy Quantity          | N/A                      |

|                                 |  |
|---------------------------------|--|
| Weight / Kilogram               | 0.168  |
| EAN                             | 4991893472097  |
| Product Group – BDI             | B00308   |
| Enclosure                       | Open   |
| Precision Class                 | ABEC 1   ISO P0  |
| Maximum Capacity / Filling Slot | No   |
| Rolling Element                 | Ball Bearing   |
| Snap Ring                       | No   |
| Internal Special Features       | No   |
| Internal Clearance              | C0-Medium  |
| Inch – Metric                   | Metric   |
| Long Description                | 45MM Bore; 75MM Outside Diameter; 10MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Category – BDI                  | Single Row Ball Bearing  |
| UNSPSC                          | 31171504   |
| Harmonized Tariff Code          | 8482.10.50.68  |
| Noun                            | Bearing  |
| Keyword String                  | Ball   |
| Manufacturer URL                | <a href="http://www.nachi.com">http://www.nachi.com</a>  |
| Manufacturer Item Number        | 16009 BNLS   |
| Weight / LBS                    | 0.37   |
| Outer Race Width                | 0.394 Inch   10 Millimeter   |
| Outside Diameter                | 2.953 Inch   75 Millimeter   |
| Bore                            | 1.772 Inch   45 Millimeter   |
| Bore Type                       | Cylindrical Bore   |

| Configuration           | Single Row        |
|-------------------------|-------------------|
| Bore Size               | 45 mm             |
| Width                   | 10 mm             |
| Fillet Radius/Chamfer   | 0.6 mm            |
| Dynamic Load Rating     | 12.900 N          |
| Static Load Rating      | 10.500 N          |
| Limiting Speed – Grease | 9.200 rpm         |
| Limiting Speed – Oil    | 11.000 rpm        |
| Factor fo               | 16.2              |
| Radial Clearance        | 0.006 to 0.023 mm |
| da (min)                | 52 mm             |
| Da (max)                | 68 mm             |
| ra (max)                | 0.6 mm            |