

# 16008 NACHI Limiting Speed – Oil 12.000 rpm 40x68x9mm Deep groove ball bearings

|                               |                          |
|-------------------------------|--------------------------|
| Bearing number                | 16008                    |
| Size (mm)                     | 40x68x9                  |
| Brand                         | NACHI                    |
| Bore Diameter (mm)            | 40                       |
| Outer Diameter (mm)           | 68                       |
| Width (mm)                    | 9                        |
| d                             | 40 mm                    |
| D                             | 68 mm                    |
| B                             | 9 mm                     |
| C                             | 9 mm                     |
| r min.                        | 0.3 mm                   |
| da min.                       | 45 mm                    |
| Da max.                       | 63 mm                    |
| ra max.                       | 0.3 mm                   |
| Weight                        | 0.125 Kg                 |
| Basic dynamic load rating (C) | 11.1 kN                  |
| Basic static load rating (C0) | 8.55 kN                  |
| (Grease) Lubrication Speed    | 9700 r/min               |
| Category                      | Single Row Ball Bearings |
| BDI Inventory                 | 0.0                      |
| Manufacturer Name             | NACHI                    |
| Minimum Buy Quantity          | N/A                      |

|                                 |   |
|---------------------------------|---|
| Weight / Kilogram               | 0.127   |
| EAN                             | 4991893471960   |
| 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                | 40MM Bore; 68MM Outside Diameter; 9MM 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        | 16008 BNLS  |
| Weight / LBS                    | 0.28  |
| Bore                            | 1.575 Inch   40 Millimeter  |
| Outer Race Width                | 0.354 Inch   9 Millimeter   |
| Outside Diameter                | 2.677 Inch   68 Millimeter  |
| Bore Type                       | Cylindrical Bore  |

| Configuration           | Single Row        |
|-------------------------|-------------------|
| Bore Size               | 40 mm             |
| Width                   | 9 mm              |
| Fillet Radius/Chamfer   | 0.3 mm            |
| Dynamic Load Rating     | 11.100 N          |
| Static Load Rating      | 8.550 N           |
| Limiting Speed – Grease | 10.000 rpm        |
| Limiting Speed – Oil    | 12.000 rpm        |
| Factor $f_0$            | 16.1              |
| Radial Clearance        | 0.006 to 0.020 mm |
| $d_a$ (min)             | 45 mm             |
| $D_a$ (max)             | 63 mm             |
| $r_a$ (max)             | 0.3 mm            |