



# INA BRAINGS SALES JAPAN CO.,LTD.



17 mm x 40 mm x 12 mm NACHI 1203 self aligning ball bearings

Bearing No. 1203

1203 Bearing 2D drawings and 3D CAD models

|                               |                             |
|-------------------------------|-----------------------------|
| Size                          | 17x40x12 mm                 |
| Bore Diameter                 | 17 mm                       |
| Outer Diameter                | 40 mm                       |
| Width                         | 12 mm                       |
| d                             | 17 mm                       |
| D                             | 40 mm                       |
| B                             | 12 mm                       |
| C                             | 12 mm                       |
| r1 min.                       | 0.6 mm                      |
| da min.                       | 21 mm                       |
| Da max.                       | 36 mm                       |
| ra max.                       | 0.6 mm                      |
| Weight                        | 0.073 Kg                    |
| Basic dynamic load rating (C) | 7,9 kN                      |
| Basic static load rating (C0) | 2 kN                        |
| (Grease) Lubrication Speed    | 16000 r/min                 |
| (Oil) Lubrication Speed       | 20000 r/min                 |
| Calculation factor (e)        | 0.31                        |
| Calculation factor (Y0)       | 2.12                        |
| Calculation factor (Y1)       | 2.03                        |
| Category                      | Self Aligning Ball Bearings |
| Inventory                     | 0.0                         |
| Manufacturer Name             | NACHI                       |
| Minimum Buy Quantity          | N/A                         |
| Weight / Kilogram             | 0                           |



## INA BRAINGS SALES JAPAN CO.,LTD.

|                         |                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Group           | 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        | 17MM Bore; Shaft Mount; 40MM Outside Diameter; 12MM Inner Race Width; 12MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1   ISO P0; C0-Medium |
| Inch - Metric           | Metric                                                                                                                                                         |
| Category                | 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            | 0.16094                                                                                                                                                        |
| Bore                    | 0.669 Inch   17 Millimeter                                                                                                                                     |
| Outer Race Width        | 0.472 Inch   12 Millimeter                                                                                                                                     |
| Outside Diameter        | 1.575 Inch   40 Millimeter                                                                                                                                     |
| Inner Race Width        | 0.472 Inch   12 Millimeter                                                                                                                                     |