



## 17 mm x 40 mm x 12 mm NSK 6203 bearing

Bearing No. 6203

|                               |                          |
|-------------------------------|--------------------------|
| 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                    |
| r min.                        | 0,6 mm                   |
| da min.                       | 21 mm                    |
| da max                        | 23,5 mm                  |
| Da max.                       | 36 mm                    |
| ra max.                       | 0,6 mm                   |
| Weight                        | 0,067 Kg                 |
| Basic dynamic load rating (C) | 9,55 kN                  |
| Basic static load rating (C0) | 4,8 kN                   |
| (Grease) Lubrication Speed    | 17 000 r/min             |
| (Oil) Lubrication Speed       | 20 000 r/min             |
| Category                      | Single Row Ball Bearings |
| Inventory                     | 0.0                      |
| Manufacturer Name             | NSK                      |
| Minimum Buy Quantity          | N/A                      |
| Weight / Kilogram             | 0.03                     |
| EAN                           | 0029176014048            |
| Product Group                 | B00308                   |
| Enclosure                     | Open                     |

6203 Bearing 2D drawings and 3D CAD models



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|                                 |  |
|---------------------------------|--|
| 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                | 17MM Bore; 40MM Outside Diameter; 12MM 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.nskamericas.com">http://www.nskamericas.com</a>  |
| Manufacturer Item Number        | 6203   |
| Weight / LBS                    | 0.065  |
| Outer Race Width                | 0.472 Inch   12 Millimeter   |
| Bore                            | 0.669 Inch   17 Millimeter   |
| Outside Diameter                | 1.575 Inch   40 Millimeter   |
| SRI                             | 3.41   |
| hidYobi                         | 6203   |
| LangID                          | 1  |
| D_                              | 40   |
| SREX                            | 0.04   |
| B_                              | 12   |
|                                 |  |



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|            |             |
|------------|-------------|
| da min     | 21          |
| hidTable   | ecat_NSRDGB |
| Oil rpm    | 20000       |
| SRE        | 3.58        |
| mass       | 0.067       |
| GRS rpm    | 17000       |
| ra         | 0.6         |
| SRIX       | 0.02        |
| D_a        | 36          |
| SRIN       | 0           |
| C0         | 4.8         |
| fo         | 13.2        |
| SREN       | 0           |
| DE_        | 35.747      |
| Prod_Type3 | DGBB_SR_OT  |
| DA_        | 6.747       |
| bomp       | 0           |
| Z_         | 8           |
| yobi       | 6203        |
| C_conv     | 9550        |
| ALPHA_     | 0           |
| SDM_       | 29          |
| r          | 0.6         |
| KBRG       | 6101        |
| SBRG       | 2           |
| DI_        | 22.253      |