



# NTN BEARING CORP.OF AMERICA



## High Quality NSK Deep Groove Ball Bearing 6201 6202 6203 All Type Bearing

Bearing No. 6201

6201 Bearing 2D drawings and 3D CAD models

|                               |                          |
|-------------------------------|--------------------------|
| Size                          | 12x32x10 mm              |
| Bore Diameter                 | 12 mm                    |
| Outer Diameter                | 32 mm                    |
| Width                         | 10 mm                    |
| d                             | 12 mm                    |
| D                             | 32 mm                    |
| B                             | 10 mm                    |
| C                             | 10 mm                    |
| r min.                        | 0,6 mm                   |
| da min.                       | 16 mm                    |
| da max                        | 17 mm                    |
| Da max.                       | 28 mm                    |
| ra max.                       | 0,6 mm                   |
| Weight                        | 0,037 Kg                 |
| Basic dynamic load rating (C) | 6,8 kN                   |
| Basic static load rating (C0) | 3,05 kN                  |
| (Grease) Lubrication Speed    | 22 000 r/min             |
| (Oil) Lubrication Speed       | 28 000 r/min             |
| Category                      | Single Row Ball Bearings |
| Inventory                     | 0.0                      |
| Manufacturer Name             | NSK                      |
| Minimum Buy Quantity          | N/A                      |
| Weight / Kilogram             | 0.04                     |
| EAN                           | 0029176013645            |
| Product Group                 | B00308                   |



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|                                 |  |
|---------------------------------|--|
| Enclosure                       | Open   |
| 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                | 12MM Bore; 32MM Outside Diameter; 10MM 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        | 6201   |
| Weight / LBS                    | 0.08   |
| Bore                            | 0.472 Inch   12 Millimeter   |
| Outside Diameter                | 1.26 Inch   32 Millimeter  |
| Outer Race Width                | 0.394 Inch   10 Millimeter   |
| bore diameter:                  | 12 mm  |
| closure type:                   | Open   |
| outside diameter:               | 32 mm  |
| internal clearance:             | Normal Clearance   |
| overall width:                  | 10 mm  |
| manufacturer upc number:        | 029176013645   |



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|            |             |
|------------|-------------|
| bore type: | Round       |
| SRI        | 3.01        |
| hidYobi    | 6201        |
| LangID     | 1           |
| D_         | 32          |
| SREX       | 0.03        |
| B_         | 10          |
| da min     | 16          |
| hidTable   | ecat_NSRDGB |
| Oil rpm    | 28000       |
| SRE        | 3.16        |
| mass       | 0.037       |
| GRS rpm    | 22000       |
| ra         | 0.6         |
| SRIX       | 0.015       |
| D_a        | 28          |
| SRIN       | 0           |
| C0         | 3.05        |
| fo         | 12.3        |
| SREN       | 0           |
| DE_        | 27.953      |
| Prod_Type3 | DGBB_SR_OT  |
| DA_        | 5.953       |
| bomp       | 0           |
| Z_         | 7           |
| yobi       | 6201        |
| C_conv     | 6800        |
| ALPHA_     | 0           |
| SDM_       | 22          |
| r          | 0.6         |
| KBRG       | 6101        |
| SBRG       | 2           |
|            |             |



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|     |        |
|-----|--------|
| DI_ | 16.047 |
|-----|--------|