



# NTN Antriebstechnik G.m.b.H.



## NSK Brand Deep Groove Ball Bearing 6001 6002 Zz RS

Bearing No. 6001

6001 Bearing 2D drawings and 3D CAD models

|                               |                          |
|-------------------------------|--------------------------|
| Size                          | 12x28x8 mm               |
| Bore Diameter                 | 12 mm                    |
| Outer Diameter                | 28 mm                    |
| Width                         | 8 mm                     |
| d                             | 12 mm                    |
| D                             | 28 mm                    |
| B                             | 8 mm                     |
| C                             | 8 mm                     |
| r min.                        | 0,3 mm                   |
| da min.                       | 14 mm                    |
| da max                        | 15,5 mm                  |
| Da max.                       | 26 mm                    |
| ra max.                       | 0,3 mm                   |
| Weight                        | 0,022 Kg                 |
| Basic dynamic load rating (C) | 5,1 kN                   |
| Basic static load rating (C0) | 2,37 kN                  |
| (Grease) Lubrication Speed    | 28 000 r/min             |
| (Oil) Lubrication Speed       | 32 000 r/min             |
| Category                      | Single Row Ball Bearings |
| Inventory                     | 0.0                      |
| Manufacturer Name             | NSK                      |
| Minimum Buy Quantity          | N/A                      |
| Weight / Kilogram             | 0.02                     |
| EAN                           | 0029176012235            |
| 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; 28MM Outside Diameter; 8MM 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        | 6001  |
| Weight / LBS                    | 0.05  |
| Outer Race Width                | 0.315 Inch   8 Millimeter   |
| Outside Diameter                | 1.102 Inch   28 Millimeter  |
| Bore                            | 0.472 Inch   12 Millimeter  |
| SRI                             | 2.46  |
| hidYobi                         | 6001  |
| LangID                          | 1   |
| D_                              | 28  |
| SREX                            | 0.015   |
| B_                              | 8   |



## NTN Antriebstechnik G.m.b.H.

|            |             |
|------------|-------------|
| da min     | 14          |
| hidTable   | ecat_NSRDGB |
| Oil rpm    | 32000       |
| SRE        | 2.46        |
| mass       | 0.022       |
| GRS rpm    | 28000       |
| ra         | 0.3         |
| SRIX       | 0.015       |
| D_a        | 26          |
| SRIN       | -0.015      |
| C0         | 2.37        |
| fo         | 13          |
| SREN       | -0.015      |
| DE_        | 24.762      |
| Prod_Type3 | DGBB_SR_OT  |
| DA_        | 4.762       |
| bomp       | 0           |
| Z_         | 8           |
| yobi       | 6001        |
| C_conv     | 5100        |
| ALPHA_     | 0           |
| SDM_       | 20          |
| r          | 0.3         |
| KBRG       | 6101        |
| SBRG       | 10          |
| DI_        | 15.238      |