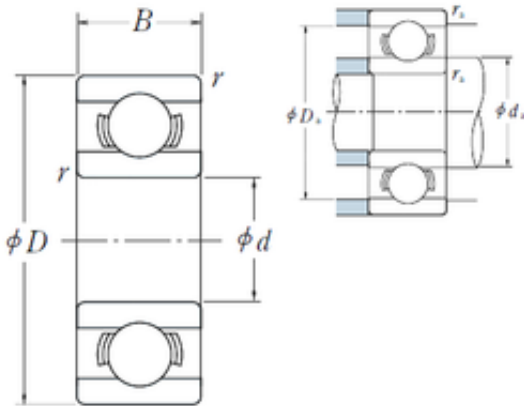




# NTN BEARING CORP.OF AMERICA



NSK Ceramic Ball Bearing 608 6002 6201 6806  
6901 6902 2RS 6806RS

Bearing No. 608

608 Bearing 2D drawings and 3D CAD models

|                               |                          |
|-------------------------------|--------------------------|
| Size                          | 8x22x7 mm                |
| Bore Diameter                 | 8 mm                     |
| Outer Diameter                | 22 mm                    |
| Width                         | 7 mm                     |
| d                             | 8 mm                     |
| D                             | 22 mm                    |
| B                             | 7 mm                     |
| C                             | 7 mm                     |
| r min.                        | 0,3 mm                   |
| da min.                       | 10 mm                    |
| Da max.                       | 20 mm                    |
| ra max.                       | 0,3 mm                   |
| Weight                        | 0,0121 Kg                |
| Basic dynamic load rating (C) | 3,3 kN                   |
| Basic static load rating (C0) | 1,37 kN                  |
| (Grease) Lubrication Speed    | 34 000 r/min             |
| Category                      | Single Row Ball Bearings |
| Inventory                     | 0.0                      |
| Manufacturer Name             | NSK                      |
| Minimum Buy Quantity          | N/A                      |
| Weight / Kilogram             | 0.009                    |
| EAN                           | 0029176013478            |
| Product Group                 | B00308                   |
| Enclosure                     | Open                     |
| Precision Class               | ABEC 1   ISO P0          |



## NTN BEARING CORP.OF AMERICA

|                                 |  |
|---------------------------------|--|
| 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                | 8MM Bore; 22MM Outside Diameter; 7MM 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        | 608  |
| Weight / LBS                    | 0.03   |
| Bore                            | 0.315 Inch   8 Millimeter  |
| Outer Race Width                | 0.276 Inch   7 Millimeter  |
| Outside Diameter                | 0.866 Inch   22 Millimeter   |
| SRI                             | 2.04   |
| hidYobi                         | 608  |
| LangID                          | 1  |
| D_                              | 22   |
| SREX                            | 0.03   |
| B_                              | 7  |
| hidTable                        | ecat_NSESBM  |
| C0r                             | 140  |



## NTN BEARING CORP.OF AMERICA

|            |           |
|------------|-----------|
| Oil rpm    | 40000     |
| SRE        | 2.22      |
| mass       | 12.1      |
| GRS rpm    | 34000     |
| ra         | 0.3       |
| SRIX       | 0.015     |
| D_a        | 20        |
| Cr         | 335       |
| SRIN       | -0.015    |
| C0         | 1.37      |
| fo         | 12.424    |
| SREN       | 0         |
| DE_        | 18.969    |
| Prod_Type3 | ESM_MD_OT |
| da         | 10        |
| DA_        | 3.969     |
| Z_         | 7         |
| yobi       | 608       |
| SDM_       | 15        |
| r          | 0.3       |
| KBRG       | 6101      |
| DI_        | 11.031    |
| B0         | 7         |