



### Bearing No. 6812ZZ

|      |                               |
|------|-------------------------------|
| D    | 78 mm                         |
| d    | 60 mm                         |
| B    | 10 mm                         |
| C    | 10 mm                         |
| r    | 0.3                           |
| Z_   | 21                            |
| B_   | 10                            |
| D_   | 78                            |
| ra   | 0.3                           |
| C0   | 10.9                          |
| fo   | 16.9                          |
| DI_  | 63.444                        |
| SRI  | 2.88                          |
| D_a  | 76                            |
| DE_  | 74.556                        |
| DA_  | 5.556                         |
| SRE  | 2.88                          |
| SRIN | -0.015                        |
| SBRG | 18                            |
| yobi | 6812ZZ                        |
| SDM_ | 69                            |
| SREX | 0.015                         |
| KBRG | 6141                          |
| bomp | 0                             |
| mass | 0.103                         |
| Bore | 2.362 Inch   60<br>Millimeter |
| SRIX | 0.015                         |
| SREN | -0.015                        |
| Noun | Bearing                       |
|      |                               |

|                  |                               |
|------------------|-------------------------------|
| ALPHA_           | 0                             |
| da min           | 62                            |
| LangID           | 1                             |
| r min.           | 0,3 mm                        |
| UNSPSC           | 31171504                      |
| da max           | 64 mm                         |
| C_conv           | 11500                         |
| Weight           | 0,103 Kg                      |
| ra max.          | 0,3 mm                        |
| hidYobi          | 6812ZZ                        |
| GRS rpm          | 8000                          |
| Da max.          | 76 mm                         |
| da min.          | 62 mm                         |
| Category         | Single Row Ball Bearing       |
| hidTable         | ecat_NSRDGB                   |
| Snap Ring        | No                            |
| Size (mm)        | 60x78x10                      |
| Enclosure        | 2 Metal Shields               |
| Inventory        | 0.0                           |
| Width (mm)       | 10                            |
| Prod_Type3       | DGBB_SR_ZZ                    |
| Weight / LBS     | 0.2271                        |
| Cage Material    | Steel                         |
| Inch - Metric    | Metric                        |
| Product Group    | B00308                        |
| Bearing number   | 6812ZZ                        |
| Keyword String   | Ball                          |
| Other Features   | Deep Groove                   |
| Precision Class  | ABEC 1   ISO P0               |
| Rolling Element  | Ball Bearing                  |
| Outside Diameter | 3.071 Inch   78<br>Millimeter |
| Inner Race Width | 0 Inch   0 Millimeter         |

|                                 |  |
|---------------------------------|--|
| Long Description                | 60MM Bore; 78MM Outside Diameter; 10MM Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stee |
| Manufacturer URL                | <a href="http://www.nskamericas.com">http://www.nskamericas.com</a>  |
| Outer Race Width                | 0.394 Inch   10 Millimeter   |
| Weight / Kilogram               | 0.112  |
| Manufacturer Name               | NSK  |
| Internal Clearance              | C0-Medium  |
| Bore Diameter (mm)              | 60   |
| Outer Diameter (mm)             | 78   |
| Minimum Buy Quantity            | N/A  |
| Harmonized Tariff Code          | 8482.10.50.68  |
| Internal Special Features       | No   |
| (Grease) Lubrication Speed      | 8 000 r/min  |
| Basic static load rating (C0)   | 10,9 kN  |
| Basic dynamic load rating (C)   | 11,5 kN  |
| Maximum Capacity / Filling Slot | No   |