



Bearing No. 6208

|      |                               |
|------|-------------------------------|
| D    | 80 mm                         |
| d    | 40 mm                         |
| B    | 18 mm                         |
| C    | 18 mm                         |
| r    | 1.1                           |
| Z_   | 9                             |
| B_   | 18                            |
| D_   | 80                            |
| ra   | 1                             |
| C0   | 17.9                          |
| fo   | 14                            |
| DI_  | 48.094                        |
| SRI  | 6.16                          |
| D_a  | 73.5                          |
| DE_  | 71.906                        |
| DA_  | 11.906                        |
| SRE  | 6.16                          |
| SRIN | -0.025                        |
| mass | 0.366                         |
| Noun | Bearing                       |
| SRIX | 0.025                         |
| SREN | -0.025                        |
| Bore | 1.575 Inch   40<br>Millimeter |
| KBRG | 6101                          |
| SREX | 0.025                         |
| bomp | 0                             |
| SDM_ | 60                            |
| yobi | 6208                          |
| SBRG | 2                             |
|      |                               |

|                  |                                                                     |
|------------------|---------------------------------------------------------------------|
| UNSPSC           | 31171504                                                            |
| LangID           | 1                                                                   |
| r min.           | 1,1 mm                                                              |
| da min           | 46.5                                                                |
| C_conv           | 29100                                                               |
| ALPHA_           | 0                                                                   |
| Weight           | 0,366 Kg                                                            |
| da max           | 50,5 mm                                                             |
| Da max.          | 73,5 mm                                                             |
| da min.          | 46,5 mm                                                             |
| Oil rpm          | 10000                                                               |
| GRS rpm          | 8500                                                                |
| ra max.          | 1 mm                                                                |
| hidYobi          | 6208                                                                |
| hidTable         | ecat_NSRDGB                                                         |
| Category         | Single Row Ball Bearing                                             |
| Inventory        | 0.0                                                                 |
| Size (mm)        | 40x80x18                                                            |
| Snap Ring        | No                                                                  |
| Enclosure        | Open                                                                |
| Width (mm)       | 18                                                                  |
| Prod_Type3       | DGBB_SR_OT                                                          |
| Weight / LBS     | 0.363                                                               |
| Product Group    | B00308                                                              |
| Inch - Metric    | Metric                                                              |
| Cage Material    | Steel                                                               |
| Bearing number   | 6208                                                                |
| Keyword String   | Ball                                                                |
| Rolling Element  | Ball Bearing                                                        |
| Precision Class  | ABEC 1   ISO P0                                                     |
| Manufacturer URL | <a href="http://www.nskamericas.com">http://www.nskamericas.com</a> |
| Outside Diameter | 3.15 Inch   80 Millimeter                                           |

|                                    |                                                                                                                                                                                   |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Outer Race Width                   | 0.709 Inch   18<br>Millimeter                                                                                                                                                     |
| Long Description                   | 40MM Bore; 80MM<br>Outside Diameter;<br>18MM Outer Race<br>Diameter; Open; Ball<br>Bearing; ABEC 1   ISO<br>P0; No Filling Slot; No<br>Snap Ring; No Internal<br>Special Features |
| Weight / Kilogram                  | 0.405                                                                                                                                                                             |
| Manufacturer Name                  | NSK                                                                                                                                                                               |
| Internal Clearance                 | C0-Medium                                                                                                                                                                         |
| Bore Diameter (mm)                 | 40                                                                                                                                                                                |
| Outer Diameter (mm)                | 80                                                                                                                                                                                |
| Minimum Buy Quantity               | N/A                                                                                                                                                                               |
| Harmonized Tariff Code             | 8482.10.50.68                                                                                                                                                                     |
| (Oil) Lubrication Speed            | 10 000 r/min                                                                                                                                                                      |
| Manufacturer Item<br>Number        | 6208                                                                                                                                                                              |
| Internal Special<br>Features       | No                                                                                                                                                                                |
| (Grease) Lubrication<br>Speed      | 8 500 r/min                                                                                                                                                                       |
| Basic static load rating<br>(C0)   | 17,9 kN                                                                                                                                                                           |
| Basic dynamic load<br>rating (C)   | 29,1 kN                                                                                                                                                                           |
| Maximum Capacity /<br>Filling Slot | No                                                                                                                                                                                |