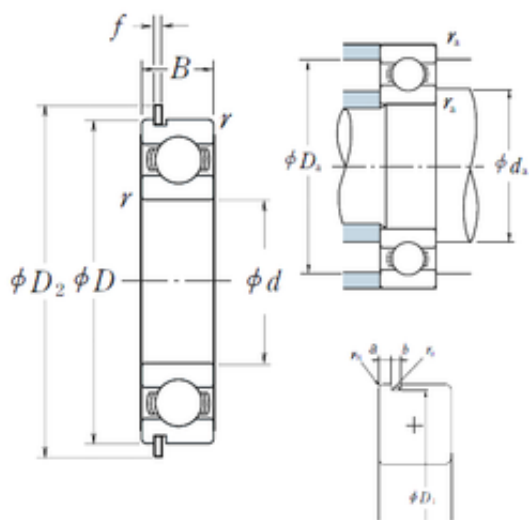




Bearing No. 6004NR

|      |          |
|------|----------|
| a    | 2,06 mm  |
| r    | 0.6      |
| d    | 20 mm    |
| D    | 42 mm    |
| B    | 12 mm    |
| C    | 12 mm    |
| b    | 1,35 mm  |
| f    | 1,12 mm  |
| fo   | 13.8     |
| Dx   | 47       |
| B_   | 12       |
| D2   | 46,3 mm  |
| D1   | 39,75 mm |
| ra   | 0.6      |
| D_   | 42       |
| Cy   | 2.9      |
| rn   | 0,5 mm   |
| ro   | 0.4      |
| C0   | 5        |
| Z_   | 9        |
| DE_  | 37.35    |
| DI_  | 24.65    |
| DA_  | 6.35     |
| SRE  | 3.37     |
| D_a  | 38       |
| SRI  | 3.21     |
| mass | 0.068    |
| SREX | 0.04     |
| bomp | 0        |
| SRIX | 0.02     |
|      |          |

|               |                               |
|---------------|-------------------------------|
| SRIN          | 0                             |
| SREN          | 0                             |
| Noun          | Bearing                       |
| yobi          | 6004NR                        |
| SDM_          | 31                            |
| KBRG          | 6101                          |
| SBRG          | 10                            |
| Bore          | 0.787 Inch   20<br>Millimeter |
| da min        | 24                            |
| C_conv        | 9400                          |
| ALPHA_        | 0                             |
| LangID        | 1                             |
| UNSPSC        | 31171504                      |
| Weight        | 0,068 Kg                      |
| r min.        | 0,6 mm                        |
| da max        | 25,5 mm                       |
| ra max.       | 0,6 mm                        |
| Da max.       | 38 mm                         |
| da min.       | 24 mm                         |
| GRS rpm       | 18000                         |
| Oil rpm       | 20000                         |
| r0 max.       | 0,4 mm                        |
| hidYobi       | 6004NR                        |
| Category      | Single Row Ball Bearing       |
| hidTable      | ecat_NSRDGB                   |
| Enclosure     | Open                          |
| Snap Ring     | Yes                           |
| Inventory     | 0.0                           |
| Size (mm)     | 20x42x12                      |
| Width (mm)    | 12                            |
| Prod_Type3    | DGBB_SR_NR_OT                 |
| Product Group | B00308                        |

|                               |                                                                                                                                                                                    |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cage Material                 | Steel                                                                                                                                                                              |
| Inch - Metric                 | Metric                                                                                                                                                                             |
| Keyword String                | Ball                                                                                                                                                                               |
| Bearing number                | 6004NR                                                                                                                                                                             |
| Precision Class               | ABEC 1   ISO P0                                                                                                                                                                    |
| Rolling Element               | Ball Bearing                                                                                                                                                                       |
| Outside Diameter              | 1.654 Inch   42<br>Millimeter                                                                                                                                                      |
| Outer Race Width              | 0.472 Inch   12<br>Millimeter                                                                                                                                                      |
| Long Description              | 20MM Bore; 42MM<br>Outside Diameter;<br>12MM Outer Race<br>Diameter; Open; Ball<br>Bearing; ABEC 1   ISO<br>P0; No Filling Slot; Yes<br>Snap Ring; No Internal<br>Special Features |
| Manufacturer URL              | <a href="http://www.nskamericas.com">http://www.nskamericas.com</a>                                                                                                                |
| Weight / Kilogram             | 0.071                                                                                                                                                                              |
| Manufacturer Name             | NSK                                                                                                                                                                                |
| Internal Clearance            | C0-Medium                                                                                                                                                                          |
| Bore Diameter (mm)            | 20                                                                                                                                                                                 |
| Outer Diameter (mm)           | 42                                                                                                                                                                                 |
| Minimum Buy Quantity          | N/A                                                                                                                                                                                |
| Harmonized Tariff Code        | 8482.10.50.68                                                                                                                                                                      |
| (Oil) Lubrication Speed       | 20 000 r/min                                                                                                                                                                       |
| Internal Special Features     | No                                                                                                                                                                                 |
| (Grease) Lubrication Speed    | 18 000 r/min                                                                                                                                                                       |
| Basic dynamic load rating (C) | 9,4 kN                                                                                                                                                                             |
| Basic static load rating (C0) | 5 kN                                                                                                                                                                               |
|                               |                                                                                                                                                                                    |



|                                    |    |
|------------------------------------|----|
| Maximum Capacity /<br>Filling Slot | No |
|------------------------------------|----|