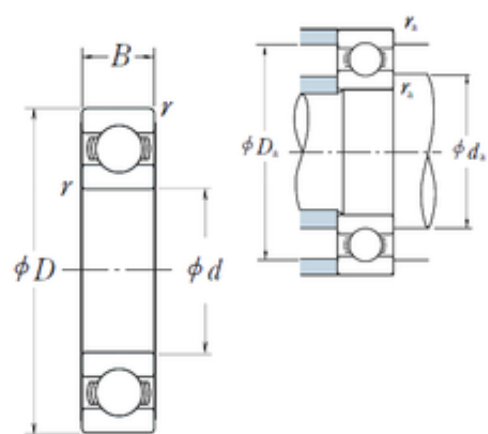




Bearing No. 6218

|      |                               |
|------|-------------------------------|
| D    | 160 mm                        |
| d    | 90 mm                         |
| B    | 30 mm                         |
| C    | 30 mm                         |
| r    | 2                             |
| Z_   | 10                            |
| D_   | 160                           |
| ra   | 2                             |
| C0   | 71.5                          |
| fo   | 14.5                          |
| B_   | 30                            |
| DI_  | 102.775                       |
| SRI  | 11.5                          |
| SRE  | 11.5                          |
| D_a  | 151                           |
| DA_  | 22.225                        |
| DE_  | 147.225                       |
| SREX | 0.04                          |
| SREN | -0.04                         |
| SBRG | 2                             |
| KBRG | 6101                          |
| mass | 2.18                          |
| Bore | 3.543 Inch   90<br>Millimeter |
| SRIX | 0.04                          |
| SRIN | -0.04                         |
| Noun | Bearing                       |
| yobi | 6218                          |
| SDM_ | 125                           |
| bomp | 0                             |
|      |                               |

|                |                         |
|----------------|-------------------------|
| Weight         | 2,18 Kg                 |
| C_conv         | 96000                   |
| LangID         | 1                       |
| da min         | 99                      |
| r min.         | 2 mm                    |
| ALPHA_         | 0                       |
| UNSPSC         | 31171504                |
| da max         | 107,5 mm                |
| GRS rpm        | 4000                    |
| Oil rpm        | 4800                    |
| hidYobi        | 6218                    |
| ra max.        | 2 mm                    |
| Da max.        | 151 mm                  |
| da min.        | 99 mm                   |
| Category       | Single Row Ball Bearing |
| hidTable       | ecat_NSRDGB             |
| Size (mm)      | 90x160x30               |
| Inventory      | 0.0                     |
| Enclosure      | Open                    |
| Snap Ring      | No                      |
| Prod_Type3     | DGBB_SR_OT              |
| Width (mm)     | 30                      |
| bore type:     | Round                   |
| Weight / LBS   | 2.18                    |
| Product Group  | B00308                  |
| Cage Material  | Steel                   |
| Inch - Metric  | Metric                  |
| closure type:  | Open                    |
| Bearing number | 6218                    |
| Keyword String | Ball                    |
| overall width: | 28 mm                   |
| bore diameter: | 85 mm                   |
|                |                         |

|                               |                                                                                                                                                               |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rolling Element               | Ball Bearing                                                                                                                                                  |
| Precision Class               | ABEC 1   ISO P0                                                                                                                                               |
| Long Description              | 90MM Bore; 160MM Outside Diameter; 30MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Outer Race Width              | 1.181 Inch   30 Millimeter                                                                                                                                    |
| Manufacturer URL              | <a href="http://www.nskamericas.com">http://www.nskamericas.com</a>                                                                                           |
| Outside Diameter              | 6.299 Inch   160 Millimeter                                                                                                                                   |
| outside diameter:             | 150 mm                                                                                                                                                        |
| Manufacturer Name             | NSK                                                                                                                                                           |
| Weight / Kilogram             | 2                                                                                                                                                             |
| Bore Diameter (mm)            | 90                                                                                                                                                            |
| Internal Clearance            | C0-Medium                                                                                                                                                     |
| internal clearance:           | Normal Clearance                                                                                                                                              |
| Outer Diameter (mm)           | 160                                                                                                                                                           |
| Minimum Buy Quantity          | N/A                                                                                                                                                           |
| Harmonized Tariff Code        | 8482.10.50.68                                                                                                                                                 |
| (Oil) Lubrication Speed       | 4 800 r/min                                                                                                                                                   |
| Manufacturer Item Number      | 6218                                                                                                                                                          |
| manufacturer upc number:      | 029176015694                                                                                                                                                  |
| Internal Special Features     | No                                                                                                                                                            |
| (Grease) Lubrication Speed    | 4 000 r/min                                                                                                                                                   |
| Basic static load rating (C0) | 71,5 kN                                                                                                                                                       |
| Basic dynamic load            | 96 kN                                                                                                                                                         |

|                                    |    |
|------------------------------------|----|
| rating (C)                         |    |
| Maximum Capacity /<br>Filling Slot | No |