



# Zaozhuang Yiding Bearing Co., Ltd.



90 mm x 140 mm x 24 mm NSK 6018ZZ deep groove ball bearings

Bearing No. 6018ZZ

6018ZZ Bearing 2D drawings and 3D CAD models

|                               |                          |
|-------------------------------|--------------------------|
| Size                          | 90x140x24 mm             |
| Bore Diameter                 | 90 mm                    |
| Outer Diameter                | 140 mm                   |
| Width                         | 24 mm                    |
| d                             | 90 mm                    |
| D                             | 140 mm                   |
| B                             | 24 mm                    |
| C                             | 24 mm                    |
| r min.                        | 1,5 mm                   |
| da min.                       | 98 mm                    |
| da max                        | 103 mm                   |
| Da max.                       | 132 mm                   |
| ra max.                       | 1,5 mm                   |
| Weight                        | 1,19 Kg                  |
| Basic dynamic load rating (C) | 58 kN                    |
| Basic static load rating (C0) | 50 kN                    |
| (Grease) Lubrication Speed    | 4 800 r/min              |
| Category                      | Single Row Ball Bearings |
| Inventory                     | 0.0                      |
| Manufacturer Name             | NSK                      |
| Minimum Buy Quantity          | N/A                      |
| Weight / Kilogram             | 1.206                    |
| EAN                           | 0029176013317            |
| Product Group                 | B00308                   |
| Enclosure                     | 2 Metal Shields          |



## Zaozhuang Yiding Bearing Co., Ltd.

|                                 |  |
|---------------------------------|--|
| Precision Class                 | ABEC 1   ISO P0  |
| 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                | 90MM Bore; 140MM Outside Diameter; 24MM Outer Race Diameter; 2 Metal Shields; 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        | 6018ZZ   |
| Weight / LBS                    | 1.17   |
| Outer Race Width                | 0.945 Inch   24 Millimeter   |
| Outside Diameter                | 5.512 Inch   140 Millimeter  |
| Bore                            | 3.543 Inch   90 Millimeter   |
| SRI                             | 7.8  |
| hidYobi                         | 6018ZZ   |
| LangID                          | 1  |
| D_                              | 140  |
| SREX                            | 0.03   |
| B_                              | 24   |
| da min                          | 98   |



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|            |             |
|------------|-------------|
| hidTable   | ecat_NSRDGB |
| SRE        | 7.8         |
| mass       | 1.19        |
| GRS rpm    | 4800        |
| ra         | 1.5         |
| SRIX       | 0.03        |
| D_a        | 132         |
| SRIN       | -0.03       |
| C0         | 50          |
| fo         | 15.6        |
| SREN       | -0.03       |
| DE_        | 130.081     |
| Prod_Type3 | DGBB_SR_ZZ  |
| DA_        | 15.081      |
| bomp       | 0           |
| Z_         | 14          |
| yobi       | 6018ZZ      |
| C_conv     | 58000       |
| ALPHA_     | 0           |
| SDM_       | 115         |
| r          | 1.5         |
| KBRG       | 6141        |
| SBRG       | 10          |
| DI_        | 99.919      |