



# NTN BEARING-BOWER CORP.



## 5 mm x 13 mm x 4 mm SKF W 619/5-2Z Single Row Ball Bearings

Bearing No. W 619/5-2Z

W 619/5-2Z Bearing 2D drawings and 3D CAD models

|                                 |  |
|---------------------------------|--|
| Category                        | Single Row Ball Bearings   |
| Inventory                       | 0.0  |
| Manufacturer Name               | SKF  |
| Minimum Buy Quantity            | N/A  |
| Weight                          | 0.006  |
| EAN                             | 7316577737175  |
| Product Group                   | B00308   |
| Enclosure                       | 2 Metal Shields  |
| Precision Class                 | ABEC 1   ISO P0  |
| Maximum Capacity / Filling Slot | No   |
| Rolling Element                 | Ball Bearing   |
| Snap Ring                       | No   |
| Internal Special Features       | No   |
| Cage Material                   | Stainless Steel  |
| Internal Clearance              | C0-Medium  |
| Inch - Metric                   | Metric   |
| Long Description                | 5MM Bore; 13MM Outside Diameter; 4MM 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; Stainl |
| Other Features                  | Deep Groove  |
| Category                        | Single Row Ball Bearing  |
| UNSPSC                          | 31171504   |



## NTN BEARING-BOWER CORP.

|   |   |
|---|---|
| Harmonized Tariff Code                  | 8482.10.50.68                                       |
| Noun                                    | Bearing   |
| Keyword String                          | Ball  |
| Manufacturer URL                        | <a href="http://www.skf.com">http://www.skf.com</a> |
| Weight / LBS                            | 0.0051  |
| D                                       | 0.512 Inch   13 Millimeter                          |
| d                                       | 0.197 Inch   5 Millimeter                           |
| Inner Race Width                        | 0 Inch   0 Millimeter                               |
| Outer Race Width                        | 0.157 Inch   4 Millimeter                           |
| d                                       | 5 mm  |
| D                                       | 13 mm   |
| B                                       | 4 mm  |
| d <sub>2</sub>                          | 6.6 mm  |
| D <sub>2</sub>                          | 11.2 mm   |
| r <sub>1,2</sub> min.                   | 0.2 mm  |
| d <sub>a</sub> min.                     | 6.3 mm  |
| d <sub>a</sub> max.                     | 6.5 mm  |
| D <sub>a</sub> max.                     | 11.4 mm   |
| r <sub>a</sub> max.                     | 0.2 mm  |
| Basic dynamic load rating C             | 0.761 kN  |
| Basic static load rating C <sub>0</sub> | 0.335 kN  |
| Fatigue load limit P <sub>u</sub>       | 0.014 kN  |
| Reference speed                         | 110000 r/min  |
| Limiting speed                          | 56000 r/min   |
| Calculation factor k <sub>r</sub>       | 0.025   |
| Calculation factor f <sub>0</sub>       | 10.5  |
| Mass bearing                            | 0.0023 kg   |