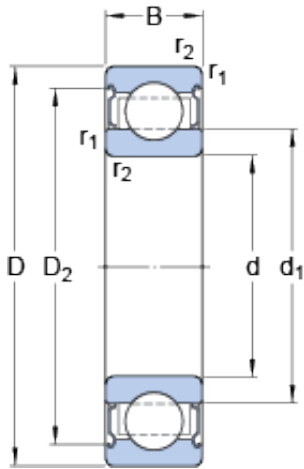




# GBMA Bearing Manufacturing Co.,Ltd



6314-2Z/VA208 Bearing 2D drawings and 3D CAD models

## 6314-2Z/VA208 SKF High Temperature Insert Bearings

Bearing No. 6314-2Z/VA208

|   |                          |
|---|--------------------------|
| Size                                      | 150x70x35 mm             |
| Bore Diameter                             | 150 mm                   |
| Outer Diameter                            | 70 mm                    |
| Width                                     | 35 mm                    |
| d   | 70 mm                    |
| D   | 150 mm                   |
| B   | 35 mm                    |
| d <sub>1</sub>                            | 94.95 mm                 |
| D <sub>2</sub>                            | 129.9 mm                 |
| r <sub>1,2</sub> - min.                   | 2.1 mm                   |
| d <sub>a</sub> - min.                     | 82 mm                    |
| d <sub>a</sub> - max.                     | 94.9 mm                  |
| D <sub>a</sub> - max.                     | 138 mm                   |
| r <sub>a</sub> - max.                     | 2 mm                     |
| Basic dynamic load rating - C             | 111 kN                   |
| Basic static load rating - C <sub>0</sub> | 68 kN                    |
| Limiting speed                            | 40 r/min                 |
| Limiting temperature - T                  | 350 ° C                  |
| Category                                  | Single Row Ball Bearings |
| Inventory                                 | 0.0                      |
| Manufacturer Name                         | SKF                      |
| Minimum Buy Quantity                      | N/A                      |
| Weight / Kilogram                         | 2.612                    |
| Product Group                             | B00308                   |
|   |                          |



## GBMA Bearing Manufacturing Co.,Ltd

|                                 |  |
|---------------------------------|--|
| 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       | Segmented Cage   |
| Cage Material                   | Graphite   |
| Internal Clearance              | C0-Medium  |
| Inch - Metric                   | Metric   |
| Long Description                | 70MM Bore; 150MM Outside Diameter; 35MM Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; Segmented Cage Internal Special Features; C0-Medium Internal CI |
| Other Features                  | Deep Groove   Extreme Temperature Variant  |
| 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.skf.com">http://www.skf.com</a>  |
| Weight / LBS                    | 2.65   |
| Bore                            | 2.756 Inch   70 Millimeter   |
| Outer Race Width                | 1.378 Inch   35 Millimeter   |
| Outside Diameter                | 5.906 Inch   150 Millimeter  |
| Inner Race Width                | 0 Inch   0 Millimeter  |
| d <sub>1</sub>                  | 94.95 mm   |
| D <sub>2</sub>                  | 129.9 mm   |
| r <sub>1,2</sub> min.           | 2.1 mm   |
|                                 |  |



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|                                |         |
|--------------------------------|---------|
| $d_a$ min.                     | 82 mm   |
| $d_a$ max.                     | 94.9 mm |
| $D_a$ max.                     | 138 mm  |
| $r_a$ max.                     | 2 mm    |
| Basic dynamic load rating C    | 111 kN  |
| Basic static load rating $C_0$ | 68 kN   |
| Limiting temperature T max.    | 350 ° C |
| Mass bearing                   | 2.65 kg |