



## China 608z Bearing Supplier



### 6004 2RS Zz SKF/NACHI/NTN/NSK/Timken/Koyo Interchange Bearing

Bearing No. 6004

6004 Bearing 2D drawings and 3D CAD models

|                               |                          |
|-------------------------------|--------------------------|
| Size                          | 20x42x12 mm              |
| Bore Diameter                 | 20 mm                    |
| Outer Diameter                | 42 mm                    |
| Width                         | 12 mm                    |
| d                             | 20 mm                    |
| D                             | 42 mm                    |
| B                             | 12 mm                    |
| C                             | 12 mm                    |
| r min.                        | 0.6 mm                   |
| da min.                       | 24 mm                    |
| Da max.                       | 38 mm                    |
| ra max.                       | 0.6 mm                   |
| Weight                        | 0.070 Kg                 |
| Basic dynamic load rating (C) | 9,4 kN                   |
| Basic static load rating (C0) | 5 kN                     |
| (Grease) Lubrication Speed    | 17000 r/min              |
| Category                      | Single Row Ball Bearings |
| Inventory                     | 0.0                      |
| Manufacturer Name             | NACHI                    |
| Minimum Buy Quantity          | N/A                      |
| Weight / Kilogram             | 0                        |
| Product Group                 | B00308                   |
| Enclosure                     | Open                     |
| Precision Class               | ABEC 1   ISO P0          |



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|                                 |   |
|---------------------------------|---|
| 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                | 20MM Bore; 42MM Outside Diameter; 12MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage |
| Other Features                  | Deep Groove   |
| 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.nachiamerica.com">http://www.nachiamerica.com</a>   |
| Outer Race Width                | 0.472 Inch   12 Millimeter  |
| Bore                            | 0.787 Inch   20 Millimeter  |
| Outside Diameter                | 1.654 Inch   42 Millimeter  |
| Inner Race Width                | 0 Inch   0 Millimeter   |
| Bore Type                       | Cylindrical Bore  |
| Configuration                   | Single Row  |
| Bore Size                       | 20 mm   |
| Width                           | 12 mm   |
| Fillet Radius/Chamfer           | 0.6 mm  |
| Dynamic Load Rating             | 9,400 N   |
|                                 |   |



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|                         |                   |
|-------------------------|-------------------|
| Static Load Rating      | 5,000 N           |
| Limiting Speed - Grease | 18,000 rpm        |
| Limiting Speed - Oil    | 21,000 rpm        |
| Factor $f_0$            | 13.9              |
| Radial Clearance        | 0.005 to 0.020 mm |
| $d_a$ (min)             | 24 mm             |
| $D_a$ (max)             | 38 mm             |
| $r_a$ (max)             | 0.6 mm            |