



## China 6203 Bearing Supplier



6203 Bearing 2D drawings and 3D CAD models

SKF Distributor Supply Motor Parts Ball Bearings 6203 2z 2RS SKF Ball Bearing 6000, 6200, 6300, 6400, 6800 6900 Series Bearing

Bearing No. 6203

|   |                          |
|---|--------------------------|
| Size                                      | 40x17x12 mm              |
| Bore Diameter                             | 40 mm                    |
| Outer Diameter                            | 17 mm                    |
| Width                                     | 12 mm                    |
| d   | 17 mm                    |
| D   | 40 mm                    |
| B   | 12 mm                    |
| d <sub>1</sub>                            | 24.5 mm                  |
| D <sub>2</sub>                            | 34.98 mm                 |
| r <sub>1,2</sub> - min.                   | 0.6 mm                   |
| d <sub>a</sub> - min.                     | 21.2 mm                  |
| D <sub>a</sub> - max.                     | 35.8 mm                  |
| r <sub>a</sub> - max.                     | 0.6 mm                   |
| Basic dynamic load rating - C             | 10 kN                    |
| Basic static load rating - C <sub>0</sub> | 4.8 kN                   |
| Fatigue load limit - P <sub>u</sub>       | 0.2 kN                   |
| Reference speed                           | 38000 r/min              |
| Limiting speed                            | 24000 r/min              |
| Calculation factor - k <sub>r</sub>       | 0.025                    |
| Calculation factor - f <sub>0</sub>       | 13                       |
| Category                                  | Single Row Ball Bearings |
| Inventory                                 | 0.0                      |
| Manufacturer Name                         | SKF                      |



## China 6203 Bearing Supplier

|                                 |  |
|---------------------------------|--|
| Minimum Buy Quantity            | N/A  |
| Weight / Kilogram               | 0.065  |
| EAN                             | 7316577087393  |
| Product Group                   | B00308   |
| Enclosure                       | Open   |
| 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                | 17MM Bore; 40MM Outside Diameter; 12MM Outer Race Diameter; Open; 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.skf.com">http://www.skf.com</a>  |
| Manufacturer Item Number        | 6203   |
| Weight / LBS                    | 0.15   |
| Bore                            | 0.669 Inch   17 Millimeter   |
| Outer Race Width                | 0.472 Inch   12 Millimeter   |
| Outside Diameter                | 1.575 Inch   40 Millimeter   |
| d <sub>1</sub>                  | 24.5 mm  |
| D <sub>2</sub>                  | 34.98 mm   |
|                                 |  |



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|                                |          |
|--------------------------------|----------|
| $d_a$ min.                     | 21.2 mm  |
| $D_a$ max.                     | 35.8 mm  |
| $r_a$ max.                     | 0.6 mm   |
| Basic dynamic load rating C    | 9.95 kN  |
| Basic static load rating $C_0$ | 4.75 kN  |
| Fatigue load limit $P_u$       | 0.2 kN   |
| Calculation factor $k_r$       | 0.025    |
| Calculation factor $f_0$       | 13       |
| Mass bearing                   | 0.065 kg |