



## China Abec 9 Bearings Supplier



### Deep Groove Ball Bearing 6200 6201 6202 SKF Bearing

Bearing No. 6200

6200 Bearing 2D drawings and 3D CAD models

|                               |                          |
|-------------------------------|--------------------------|
| Size                          | 10x30x9 mm               |
| Bore Diameter                 | 10 mm                    |
| Outer Diameter                | 30 mm                    |
| Width                         | 9 mm                     |
| d                             | 10 mm                    |
| D                             | 30 mm                    |
| B                             | 9 mm                     |
| C                             | 9 mm                     |
| d1                            | 17 mm                    |
| r1 min.                       | 0,6 mm                   |
| r2 min.                       | 0,6 mm                   |
| D1                            | 23,2 mm                  |
| D2                            | 24,8 mm                  |
| da min.                       | 14,2 mm                  |
| Da max.                       | 25,8 mm                  |
| rc max.                       | 0,6 mm                   |
| Weight                        | 0,031 Kg                 |
| Basic dynamic load rating (C) | 5,4 kN                   |
| Basic static load rating (C0) | 2,36 kN                  |
| Fatigue load limit (Pu)       | 0,1                      |
| Reference speed               | 56000 r/min              |
| Limiting speed                | 36000 r/min              |
| Calculation factor (f0)       | 13                       |
| Category                      | Single Row Ball Bearings |
| Inventory                     | 0.0                      |



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|                                 |   |
|---------------------------------|---|
| Manufacturer Name               | SKF   |
| Minimum Buy Quantity            | N/A   |
| Weight / Kilogram               | 0.03  |
| 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                | 10MM Bore; 30MM Outside Diameter; 9MM 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        | 6200  |
| Weight / LBS                    | 0.07  |
| Outside Diameter                | 1.181 Inch   30 Millimeter  |
| Outer Race Width                | 0.354 Inch   9 Millimeter   |
| Bore                            | 0.394 Inch   10 Millimeter  |
| d <sub>1</sub>                  | 17 mm   |
| D <sub>2</sub>                  | 24.72 mm  |
|                                 |   |



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|                                |          |
|--------------------------------|----------|
| $d_a$ min.                     | 14.2 mm  |
| $D_a$ max.                     | 25.8 mm  |
| $r_a$ max.                     | 0.6 mm   |
| Basic dynamic load rating C    | 5.4 kN   |
| Basic static load rating $C_0$ | 2.36 kN  |
| Fatigue load limit $P_u$       | 0.1 kN   |
| Calculation factor $k_r$       | 0.025    |
| Calculation factor $f_0$       | 13       |
| Mass bearing                   | 0.031 kg |