



## China abec 9 Bearing Supplier



SKF Deep Groove Ball Bearing 6201 6203 6007  
6009 6011 6013 for Electric Car

Bearing No. 6201

6201 Bearing 2D drawings and 3D CAD models

|                               |                          |
|-------------------------------|--------------------------|
| Size                          | 12x32x10 mm              |
| Bore Diameter                 | 12 mm                    |
| Outer Diameter                | 32 mm                    |
| Width                         | 10 mm                    |
| d                             | 12 mm                    |
| D                             | 32 mm                    |
| B                             | 10 mm                    |
| C                             | 10 mm                    |
| d1                            | 18,4 mm                  |
| r1 min.                       | 0,6 mm                   |
| r2 min.                       | 0,6 mm                   |
| D1                            | 25,7 mm                  |
| D2                            | 27,4 mm                  |
| da min.                       | 16,2 mm                  |
| Da max.                       | 27,8 mm                  |
| rc max.                       | 0,6 mm                   |
| Weight                        | 0,037 Kg                 |
| Basic dynamic load rating (C) | 7,28 kN                  |
| Basic static load rating (C0) | 3,1 kN                   |
| Fatigue load limit (Pu)       | 0,132                    |
| Reference speed               | 50000 r/min              |
| Limiting speed                | 32000 r/min              |
| Calculation factor (f0)       | 12                       |
| Category                      | Single Row Ball Bearings |
| Inventory                     | 0.0                      |



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|                                 |  |
|---------------------------------|--|
| Manufacturer Name               | SKF  |
| Minimum Buy Quantity            | N/A  |
| Weight / Kilogram               | 0.039  |
| EAN                             | 7316577099396  |
| 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                | 12MM Bore; 32MM Outside Diameter; 10MM 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        | 6201   |
| Weight / LBS                    | 0.09   |
| Outer Race Width                | 0.394 Inch   10 Millimeter   |
| Bore                            | 0.472 Inch   12 Millimeter   |
| Outside Diameter                | 1.26 Inch   32 Millimeter  |
| d <sub>1</sub>                  | 18.45 mm   |
|                                 |  |



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|                                |          |
|--------------------------------|----------|
| $D_2$                          | 27.34 mm |
| $d_a$ min.                     | 16.2 mm  |
| $D_a$ max.                     | 27.8 mm  |
| $r_a$ max.                     | 0.6 mm   |
| Basic dynamic load rating C    | 7.28 kN  |
| Basic static load rating $C_0$ | 3.1 kN   |
| Fatigue load limit $P_u$       | 0.132 kN |
| Calculation factor $k_r$       | 0.025    |
| Calculation factor $f_0$       | 12       |
| Mass bearing                   | 0.037 kg |