



## China Abec 9 Bearing Supplier



### SKF Bearing 6302 Open Type Deep Groove Ball Bearing

Bearing No. 6302

6302 Bearing 2D drawings and 3D CAD models

|                               |                          |
|-------------------------------|--------------------------|
| Size                          | 15x42x13 mm              |
| Bore Diameter                 | 15 mm                    |
| Outer Diameter                | 42 mm                    |
| Width                         | 13 mm                    |
| d                             | 15 mm                    |
| D                             | 42 mm                    |
| B                             | 13 mm                    |
| C                             | 13 mm                    |
| d1                            | 23,7 mm                  |
| r1 min.                       | 1 mm                     |
| r2 min.                       | 1 mm                     |
| D1                            | 33,7 mm                  |
| D2                            | 36,3 mm                  |
| da min.                       | 20,6 mm                  |
| Da max.                       | 36,4 mm                  |
| rc max.                       | 1 mm                     |
| Weight                        | 0,082 Kg                 |
| Basic dynamic load rating (C) | 11,9 kN                  |
| Basic static load rating (C0) | 5,4 kN                   |
| Fatigue load limit (Pu)       | 0,228                    |
| Reference speed               | 38000 r/min              |
| Limiting speed                | 24000 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               | 0.083  |
| 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                | 15MM Bore; 42MM Outside Diameter; 13MM 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        | 6302   |
| Weight / LBS                    | 0.18   |
| Outer Race Width                | 0.512 Inch   13 Millimeter   |
| Bore                            | 0.591 Inch   15 Millimeter   |
| Outside Diameter                | 1.654 Inch   42 Millimeter   |
| d <sub>1</sub>                  | 23.7 mm  |
| D <sub>2</sub>                  | 36.23 mm   |
|                                 |  |



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|                                |          |
|--------------------------------|----------|
| $d_a$ min.                     | 20.6 mm  |
| $D_a$ max.                     | 36.4 mm  |
| $r_a$ max.                     | 1 mm     |
| Basic dynamic load rating C    | 11.9 kN  |
| Basic static load rating $C_0$ | 5.4 kN   |
| Fatigue load limit $P_u$       | 0.228 kN |
| Calculation factor $k_r$       | 0.03     |
| Calculation factor $f_0$       | 12       |
| Mass bearing                   | 0.082 kg |