



## China 6205 2rs Bearing Supplier



6204 Bearing 2D drawings and 3D CAD models

skf brand Nylon cage deep groove ball bearing  
6204 6302 6304 6306 bearing

Bearing No. 6204

|   |                          |
|---|--------------------------|
| Size                                      | 47x20x14 mm              |
| Bore Diameter                             | 47 mm                    |
| Outer Diameter                            | 20 mm                    |
| Width                                     | 14 mm                    |
| d   | 20 mm                    |
| D   | 47 mm                    |
| B   | 14 mm                    |
| d <sub>1</sub>                            | 28.8 mm                  |
| D <sub>2</sub>                            | 40.59 mm                 |
| r <sub>1,2</sub> - min.                   | 1 mm                     |
| d <sub>a</sub> - min.                     | 25.6 mm                  |
| D <sub>a</sub> - max.                     | 41.4 mm                  |
| r <sub>a</sub> - max.                     | 1 mm                     |
| Basic dynamic load rating - C             | 13.5 kN                  |
| Basic static load rating - C <sub>0</sub> | 6.6 kN                   |
| Fatigue load limit - P <sub>u</sub>       | 0.28 kN                  |
| Reference speed                           | 32000 r/min              |
| Limiting speed                            | 20000 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                      |
| Minimum Buy Quantity                      | N/A                      |



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|                                 |  |
|---------------------------------|--|
| Weight / Kilogram               | 0.109  |
| 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                | 20MM Bore; 47MM Outside Diameter; 14MM 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        | 6204   |
| Weight / LBS                    | 0.24   |
| Outside Diameter                | 1.85 Inch   47 Millimeter  |
| Outer Race Width                | 0.551 Inch   14 Millimeter   |
| Bore                            | 0.787 Inch   20 Millimeter   |
| d <sub>1</sub>                  | 28.8 mm  |
| D <sub>2</sub>                  | 40.59 mm   |
| r <sub>1,2</sub> min.           | 1 mm   |
| d <sub>a</sub> min.             | 25.6 mm  |
|                                 |  |



## China 6205 2rs Bearing Supplier

|                                |         |
|--------------------------------|---------|
| $D_a$ max.                     | 41.4 mm |
| $r_a$ max.                     | 1 mm    |
| Basic dynamic load rating C    | 13.5 kN |
| Basic static load rating $C_0$ | 6.55 kN |
| Fatigue load limit $P_u$       | 0.28 kN |
| Calculation factor $k_r$       | 0.025   |
| Calculation factor $f_0$       | 13      |
| Mass bearing                   | 0.1 kg  |