



Bearing No. 6206-2RS1

|                |                            |
|----------------|----------------------------|
| D              | 62 mm                      |
| d              | 30 mm                      |
| B              | 16 mm                      |
| Bore           | 1.181 Inch   30 Millimeter |
| Noun           | Bearing                    |
| UNSPSC         | 31171504                   |
| series:        | 6200                       |
| Category       | Single Row Ball Bearing    |
| Size (mm)      | 62x30x16                   |
| Snap Ring      | No                         |
| Enclosure      | 2 Seals                    |
| Inventory      | 2.0                        |
| Width (mm)     | 16                         |
| bore type:     | Round                      |
| maximum rpm:   | 7500 RPM                   |
| Weight / LBS   | 0.461                      |
| Mass bearing   | 0.21 kg                    |
| D <sub>2</sub> | 54.06 mm                   |
| Cage Material  | Steel                      |
| closure type:  | Double Sealed              |
| d <sub>1</sub> | 40.36 mm                   |
| Product Group  | B00308                     |
| Inch - Metric  | Metric                     |
| fillet radius: | 1 mm                       |
| cage material: | Steel                      |
| overall width: | 16 mm                      |
| bore diameter: | 30 mm                      |
| Limiting speed | 7500 r/min                 |
| Keyword String | Ball                       |
|                |                            |

|                       |                                                                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Enclosure Type        | Contact Seal                                                                                                                                                    |
| Bearing number        | 6206-2RS1                                                                                                                                                       |
| finish/coating:       | Uncoated                                                                                                                                                        |
| Rolling Element       | Ball Bearing                                                                                                                                                    |
| Precision Class       | ABEC 1   ISO P0                                                                                                                                                 |
| Manufacturer URL      | <a href="http://www.skf.com">http://www.skf.com</a>                                                                                                             |
| Outside Diameter      | 2.441 Inch   62 Millimeter                                                                                                                                      |
| Long Description      | 30MM Bore; 62MM Outside Diameter; 16MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Outer Race Width      | 0.63 Inch   16 Millimeter                                                                                                                                       |
| Weight / Kilogram     | 0.209                                                                                                                                                           |
| outer ring width:     | 16 mm                                                                                                                                                           |
| precision rating:     | Not Rated                                                                                                                                                       |
| outside diameter:     | 62 mm                                                                                                                                                           |
| Manufacturer Name     | SKF                                                                                                                                                             |
| d <sub>a</sub> min.   | 35.6 mm                                                                                                                                                         |
| Bore Diameter (mm)    | 62                                                                                                                                                              |
| d <sub>a</sub> max.   | 40.3 mm                                                                                                                                                         |
| Internal Clearance    | C0-Medium                                                                                                                                                       |
| r <sub>a</sub> max.   | 1 mm                                                                                                                                                            |
| D <sub>a</sub> max.   | 56.4 mm                                                                                                                                                         |
| internal clearance:   | C0                                                                                                                                                              |
| Outer Diameter (mm)   | 30                                                                                                                                                              |
| Minimum Buy Quantity  | N/A                                                                                                                                                             |
| r <sub>a</sub> - max. | 1 mm                                                                                                                                                            |
| d <sub>a</sub> - min. | 35.6 mm                                                                                                                                                         |
| d <sub>a</sub> - max. | 40.3 mm                                                                                                                                                         |
| D <sub>a</sub> - max. | 56.4 mm                                                                                                                                                         |

|                                  |                          |
|----------------------------------|--------------------------|
| $d_1$ ?                          | 40.36 mm                 |
| static load capacity:            | 11.2 kN                  |
| $D_2$ ?                          | 54.06 mm                 |
| row type & fill slot:            | Single Row Non-Fill Slot |
| $r_{1,2}$ - min.                 | 1 mm                     |
| Harmonized Tariff Code           | 8482.10.50.68            |
| dynamic load capacity:           | 20.3 kN                  |
| Manufacturer Item Number         | 6206-2RS1                |
| Internal Special Features        | No                       |
| Basic dynamic load rating C      | 20.3 kN                  |
| operating temperature range:     | -40 to +210 °F           |
| Basic dynamic load rating - C    | 20.3 kN                  |
| Maximum Capacity / Filling Slot  | No                       |
| Fatigue load limit $P_u$         | 0.475 kN                 |
| Calculation factor $k_r$         | 0.025                    |
| Calculation factor $f_0$         | 14                       |
| Calculation factor - $k_r$       | 0.025                    |
| Calculation factor - $f_0$       | 14                       |
| Fatigue load limit - $P_u$       | 0.475 kN                 |
| Basic static load rating $C_0$   | 11.2 kN                  |
| Basic static load rating - $C_0$ | 11.2 kN                  |