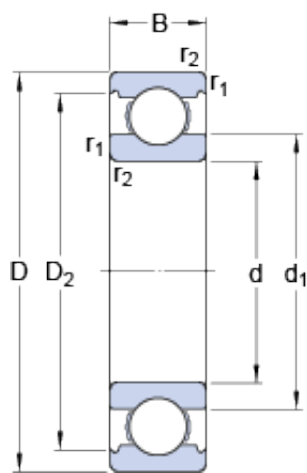




Bearing No. 6030

|                |                             |
|----------------|-----------------------------|
| D              | 225 mm                      |
| d              | 150 mm                      |
| B              | 35 mm                       |
| Bore           | 5.906 Inch   150 Millimeter |
| Noun           | Bearing                     |
| UNSPSC         | 31171504                    |
| series:        | 60                          |
| Category       | Single Row Ball Bearing     |
| Enclosure      | Open                        |
| Inventory      | 0.0                         |
| Size (mm)      | 225x150x35                  |
| Snap Ring      | No                          |
| Width (mm)     | 35                          |
| bore type:     | Round                       |
| Weight / LBS   | 9.51                        |
| Mass bearing   | 4.29 kg                     |
| maximum rpm:   | 3800 RPM                    |
| closure type:  | Open                        |
| D <sub>2</sub> | 205.3 mm                    |
| d <sub>1</sub> | 174.15 mm                   |
| Inch - Metric  | Metric                      |
| Cage Material  | Steel                       |
| Product Group  | B00308                      |
| bore diameter: | 150 mm                      |
| cage material: | Steel                       |
| Keyword String | Ball                        |
| fillet radius: | 2 mm                        |
| overall width: | 35 mm                       |
| Bearing number | 6030                        |
|                |                             |

|                       |                                                                                                                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Limiting speed        | 3800 r/min                                                                                                                                                                          |
| finish/coating:       | Uncoated                                                                                                                                                                            |
| Precision Class       | ABEC 1   ISO P0                                                                                                                                                                     |
| Rolling Element       | Ball Bearing                                                                                                                                                                        |
| Reference speed       | 6000 r/min                                                                                                                                                                          |
| Outer Race Width      | 1.378 Inch   35<br>Millimeter                                                                                                                                                       |
| Outside Diameter      | 8.858 Inch   225<br>Millimeter                                                                                                                                                      |
| Long Description      | 150MM Bore; 225MM<br>Outside Diameter;<br>35MM Outer Race<br>Diameter; Open; Ball<br>Bearing; ABEC 1   ISO<br>P0; No Filling Slot; No<br>Snap Ring; No Internal<br>Special Features |
| Manufacturer URL      | <a href="http://www.skf.com">http://www.skf.com</a>                                                                                                                                 |
| outer ring width:     | 35 mm                                                                                                                                                                               |
| precision rating:     | ABEC 1 (ISO Class<br>Normal)                                                                                                                                                        |
| outside diameter:     | 225 mm                                                                                                                                                                              |
| Manufacturer Name     | SKF                                                                                                                                                                                 |
| Weight / Kilogram     | 4.32                                                                                                                                                                                |
| D <sub>a</sub> max.   | 215 mm                                                                                                                                                                              |
| Bore Diameter (mm)    | 225                                                                                                                                                                                 |
| Internal Clearance    | C0-Medium                                                                                                                                                                           |
| r <sub>a</sub> max.   | 2 mm                                                                                                                                                                                |
| d <sub>a</sub> min.   | 160 mm                                                                                                                                                                              |
| snap ring included:   | Without Snap Ring                                                                                                                                                                   |
| Outer Diameter (mm)   | 150                                                                                                                                                                                 |
| internal clearance:   | C0                                                                                                                                                                                  |
| r <sub>a</sub> - max. | 2 mm                                                                                                                                                                                |
| D <sub>a</sub> - max. | 215 mm                                                                                                                                                                              |
| d <sub>a</sub> - min. | 160 mm                                                                                                                                                                              |
|                       |                                                                                                                                                                                     |

|                                  |                          |
|----------------------------------|--------------------------|
| $r_{1,2}$ min.                   | 2.1 mm                   |
| Minimum Buy Quantity             | N/A                      |
| static load capacity:            | 125 kN                   |
| $d_1$ ?                          | 174.15 mm                |
| row type & fill slot:            | Single Row Non-Fill Slot |
| $D_2$ ?                          | 205.3 mm                 |
| dynamic load capacity:           | 125 kN                   |
| Harmonized Tariff Code           | 8482.10.50.68            |
| $r_{1,2}$ - min.                 | 2.1 mm                   |
| Manufacturer Item Number         | 6030                     |
| Internal Special Features        | No                       |
| Basic dynamic load rating C      | 125 kN                   |
| Basic dynamic load rating - C    | 125 kN                   |
| Maximum Capacity / Filling Slot  | No                       |
| Fatigue load limit $P_u$         | 3.9 kN                   |
| Calculation factor $k_r$         | 0.025                    |
| Calculation factor $f_0$         | 15.9                     |
| Fatigue load limit - $P_u$       | 3.9 kN                   |
| Calculation factor - $k_r$       | 0.025                    |
| Calculation factor - $f_0$       | 15.9                     |
| Basic static load rating $C_0$   | 125 kN                   |
| Basic static load rating - $C_0$ | 125 kN                   |