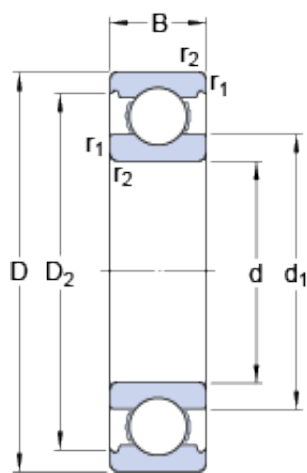




Bearing No. W 6007

|                  |                                                     |
|------------------|-----------------------------------------------------|
| D                | 62 mm                                               |
| d                | 35 mm                                               |
| B                | 14 mm                                               |
| Bore             | 1.378 Inch   35 Millimeter                          |
| Noun             | Bearing                                             |
| UNSPSC           | 31171504                                            |
| Category         | Single Row Ball Bearing                             |
| Inventory        | 0.0                                                 |
| Enclosure        | Open                                                |
| Size (mm)        | 62x35x14                                            |
| Snap Ring        | No                                                  |
| Width (mm)       | 14                                                  |
| Mass bearing     | 0.14 kg                                             |
| Weight / LBS     | 0.3109                                              |
| Inch - Metric    | Metric                                              |
| Cage Material    | Stainless Steel                                     |
| D <sub>2</sub>   | 57.05 mm                                            |
| d <sub>1</sub>   | 44 mm                                               |
| Product Group    | B00308                                              |
| Other Features   | Deep Groove                                         |
| Keyword String   | Ball                                                |
| Bearing number   | W 6007                                              |
| Limiting speed   | 15000 r/min                                         |
| Rolling Element  | Ball Bearing                                        |
| Reference speed  | 24000 r/min                                         |
| Precision Class  | ABEC 1   ISO P0                                     |
| Outside Diameter | 2.441 Inch   62 Millimeter                          |
| Manufacturer URL | <a href="http://www.skf.com">http://www.skf.com</a> |
|                  |                                                     |

|                             |                                                                                                                                                                                                          |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Long Description            | 35MM Bore; 62MM Outside Diameter; 14MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stainless Steel |
| Inner Race Width            | 0 Inch   0 Millimeter                                                                                                                                                                                    |
| Outer Race Width            | 0.551 Inch   14 Millimeter                                                                                                                                                                               |
| Manufacturer Name           | SKF                                                                                                                                                                                                      |
| Weight / Kilogram           | 0                                                                                                                                                                                                        |
| d <sub>a</sub> min.         | 40 mm                                                                                                                                                                                                    |
| D <sub>a</sub> max.         | 57.5 mm                                                                                                                                                                                                  |
| r <sub>a</sub> max.         | 1 mm                                                                                                                                                                                                     |
| Bore Diameter (mm)          | 62                                                                                                                                                                                                       |
| Internal Clearance          | C0-Medium                                                                                                                                                                                                |
| Outer Diameter (mm)         | 35                                                                                                                                                                                                       |
| r <sub>1,2</sub> min.       | 1 mm                                                                                                                                                                                                     |
| r <sub>a</sub> - max.       | 1 mm                                                                                                                                                                                                     |
| D <sub>a</sub> - max.       | 57.5 mm                                                                                                                                                                                                  |
| d <sub>a</sub> - min.       | 40 mm                                                                                                                                                                                                    |
| Minimum Buy Quantity        | N/A                                                                                                                                                                                                      |
| D <sub>2</sub> ?            | 57.05 mm                                                                                                                                                                                                 |
| d <sub>1</sub> ?            | 44 mm                                                                                                                                                                                                    |
| r <sub>1,2</sub> - min.     | 1 mm                                                                                                                                                                                                     |
| Harmonized Tariff Code      | 8482.10.50.68                                                                                                                                                                                            |
| Internal Special Features   | No                                                                                                                                                                                                       |
| Basic dynamic load rating C | 13.8 kN                                                                                                                                                                                                  |
| Basic dynamic load          | 13.8 kN                                                                                                                                                                                                  |

|                                     |         |
|-------------------------------------|---------|
| rating - C                          |         |
| Maximum Capacity /<br>Filling Slot  | No      |
| Fatigue load limit $P_u$            | 0.44 kN |
| Calculation factor $k_r$            | 0.03    |
| Calculation factor $f_0$            | 14.9    |
| Fatigue load limit - $P_u$          | 0.44 kN |
| Calculation factor - $k_r$          | 0.03    |
| Calculation factor - $f_0$          | 14.9    |
| Basic static load rating<br>$C_0$   | 10.2 kN |
| Basic static load rating -<br>$C_0$ | 10.2 kN |