



**Bearing No. 6336**

|                  |   |
|------------------|---|
| D                | 380 mm  |
| d                | 180 mm  |
| B                | 75 mm   |
| Bore             | 7.087 Inch   180 Millimeter                         |
| Noun             | Bearing   |
| UNSPSC           | 31171504  |
| Category         | Single Row Ball Bearing                             |
| Inventory        | 0.0   |
| Enclosure        | Open  |
| Size (mm)        | 380x180x75  |
| Snap Ring        | No  |
| Width (mm)       | 75  |
| Mass bearing     | 36.6 kg   |
| Weight / LBS     | 36.5  |
| Inch - Metric    | Metric  |
| Cage Material    | Steel   |
| D <sub>1</sub>   | 314.2 mm  |
| d <sub>1</sub>   | 244.6 mm  |
| Product Group    | B00308  |
| Other Features   | Deep Groove   |
| Keyword String   | Ball  |
| Bearing number   | 6336  |
| Limiting speed   | 2200 r/min  |
| Rolling Element  | Ball Bearing  |
| Reference speed  | 3600 r/min  |
| Precision Class  | ABEC 1   ISO P0                                     |
| Manufacturer URL | <a href="http://www.skf.com">http://www.skf.com</a> |
| Inner Race Width | 0 Inch   0 Millimeter                               |
| Long Description | 180MM Bore; 380MM                                   |

|                                  |   |
|----------------------------------|---|
|                                  | Outside Diameter;<br>75MM Outer Race<br>Width; Open; Ball<br>Bearing; ABEC 1   ISO<br>P0; No Filling Slot; No<br>Snap Ring; No Internal<br>Special Features;<br>C0-Medium Internal<br>Clearance; Steel Cage |
| Outside Diameter                 | 14.961 Inch   380<br>Millimeter   |
| Outer Race Width                 | 2.953 Inch   75<br>Millimeter   |
| Manufacturer Name                | SKF   |
| Weight / Kilogram                | 0   |
| $d_a$ min.                       | 197 mm  |
| $D_a$ max.                       | 363 mm  |
| $r_a$ max.                       | 3 mm  |
| Bore Diameter (mm)               | 380   |
| Internal Clearance               | C0-Medium   |
| Outer Diameter (mm)              | 180   |
| $r_{1,2}$ min.                   | 4 mm  |
| $r_a$ - max.                     | 3 mm  |
| $D_a$ - max.                     | 363 mm  |
| $d_a$ - min.                     | 197 mm  |
| Minimum Buy Quantity             | N/A   |
| $D_1$ ?                          | 314.2 mm  |
| $d_1$ ?                          | 244.6 mm  |
| $r_{1,2}$ - min.                 | 4 mm  |
| Harmonized Tariff Code           | 8482.10.50.68   |
| Internal Special<br>Features     | No  |
| Basic dynamic load<br>rating C   | 351 kN  |
| Basic dynamic load<br>rating - C | 351 kN  |
|                                  |   |

|                                     |         |
|-------------------------------------|---------|
| Maximum Capacity /<br>Filling Slot  | No      |
| Fatigue load limit $P_u$            | 10.4 kN |
| Calculation factor $k_r$            | 0.03    |
| Calculation factor $f_0$            | 13.9    |
| Fatigue load limit - $P_u$          | 10.4 kN |
| Calculation factor - $k_r$          | 0.03    |
| Calculation factor - $f_0$          | 13.9    |
| Basic static load rating<br>$C_0$   | 405 kN  |
| Basic static load rating -<br>$C_0$ | 405 kN  |