



**Bearing No. 6207**

|                  |  |
|------------------|--|
| D                | 72 mm  |
| d                | 35 mm  |
| B                | 17 mm  |
| Bore             | 1.378 Inch   35 Millimeter   |
| Noun             | Bearing  |
| UNSPSC           | 31171504   |
| Category         | Single Row Ball Bearing  |
| Inventory        | 0.0  |
| Enclosure        | Open   |
| Size (mm)        | 72x35x17   |
| Snap Ring        | No   |
| Width (mm)       | 17   |
| Mass bearing     | 0.29 kg  |
| Weight / LBS     | 0.64   |
| Inch - Metric    | Metric   |
| Cage Material    | Steel  |
| D <sub>2</sub>   | 62.69 mm   |
| d <sub>1</sub>   | 46.94 mm   |
| Product Group    | B00308   |
| Keyword String   | Ball   |
| Bearing number   | 6207   |
| Limiting speed   | 13000 r/min  |
| Precision Class  | ABEC 1   ISO P0  |
| Rolling Element  | Ball Bearing   |
| Reference speed  | 20000 r/min  |
| Manufacturer URL | <a href="http://www.skf.com">http://www.skf.com</a>                    |
| Long Description | 35MM Bore; 72MM Outside Diameter; 17MM Outer Race Diameter; Open; Ball |

|                                 |   |
|---------------------------------|---|
|                                 | Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Outside Diameter                | 2.835 Inch   72 Millimeter  |
| Outer Race Width                | 0.669 Inch   17 Millimeter  |
| Weight / Kilogram               | 0.293   |
| Manufacturer Name               | SKF   |
| D <sub>a</sub> max.             | 65 mm   |
| r <sub>a</sub> max.             | 1 mm  |
| Bore Diameter (mm)              | 72  |
| Internal Clearance              | C0-Medium   |
| d <sub>a</sub> min.             | 42 mm   |
| Outer Diameter (mm)             | 35  |
| r <sub>1,2</sub> min.           | 1.1 mm  |
| r <sub>a</sub> - max.           | 1 mm  |
| d <sub>a</sub> - min.           | 42 mm   |
| D <sub>a</sub> - max.           | 65 mm   |
| Minimum Buy Quantity            | N/A   |
| d <sub>1</sub> ?                | 46.94 mm  |
| D <sub>2</sub> ?                | 62.69 mm  |
| Harmonized Tariff Code          | 8482.10.50.68   |
| r <sub>1,2</sub> - min.         | 1.1 mm  |
| Manufacturer Item Number        | 6207  |
| Internal Special Features       | No  |
| Basic dynamic load rating C     | 27 kN   |
| Basic dynamic load rating - C   | 27 kN   |
| Maximum Capacity / Filling Slot | No  |
|                                 |   |

|                                     |          |
|-------------------------------------|----------|
| Fatigue load limit $P_u$            | 0.655 kN |
| Calculation factor $k_r$            | 0.025    |
| Calculation factor $f_0$            | 13.8     |
| Calculation factor - $k_r$          | 0.025    |
| Fatigue load limit - $P_u$          | 0.655 kN |
| Calculation factor - $f_0$          | 13.8     |
| Basic static load rating<br>$C_0$   | 15.3 kN  |
| Basic static load rating -<br>$C_0$ | 15.3 kN  |