



Bearing No. 32307 BJ2/Q

|                       |             |
|-----------------------|-------------|
| D                     | 80 mm       |
| d                     | 35 mm       |
| T                     | 32.75 mm    |
| B                     | 31 mm       |
| C                     | 25 mm       |
| a                     | 24 mm       |
| UNSPSC                | 31171516    |
| Category              | Bearings    |
| Size (mm)             | 80x35x32.75 |
| Inventory             | 0.0         |
| Width (mm)            | 32,75       |
| Product Group         | B04334      |
| d <sub>1</sub>        | 59.35 mm    |
| Limiting speed        | 8500 r/min  |
| Bearing number        | 32307 BJ2/Q |
| Reference speed       | 6000 r/min  |
| Weight / Kilogram     | 0.797       |
| Manufacturer Name     | SKF         |
| Bore Diameter (mm)    | 80          |
| Outer Diameter (mm)   | 35          |
| D <sub>a</sub> - min. | 61 mm       |
| Minimum Buy Quantity  | N/A         |
| d <sub>b</sub> - min. | 44.5 mm     |
| r <sub>b</sub> - max. | 1.5 mm      |
| r <sub>a</sub> - max. | 2 mm        |
| C <sub>b</sub> - min. | 7.5 mm      |
| d <sub>a</sub> - max. | 43 mm       |
| D <sub>b</sub> - min. | 76 mm       |
| D <sub>a</sub> - max. | 72.5 mm     |
| C <sub>a</sub> - min. | 4 mm        |

|                                  |         |
|----------------------------------|---------|
| $r_{3,4}$ - min.                 | 1.5 mm  |
| Calculation factor - e           | 0.54    |
| Calculation factor - Y           | 1.1     |
| $r_{1,2}$ - min.                 | 2 mm    |
| Basic dynamic load rating - C    | 93.5 kN |
| Fatigue load limit - $P_u$       | 12.9 kN |
| Calculation factor - $Y_0$       | 0.6     |
| Basic static load rating - $C_0$ | 114 kN  |