



Bearing No. 6208-ZNR

|           |                            |
|-----------|----------------------------|
| b         | 1,9 mm                     |
| f         | 1,7 mm                     |
| d         | 40 mm                      |
| D         | 80 mm                      |
| B         | 18 mm                      |
| C         | 3,28 mm                    |
| d1        | 52,6 mm                    |
| D3        | 76,81 mm                   |
| D2        | 69,8 mm                    |
| D4        | 86,6 mm                    |
| Bore      | 1.575 Inch   40 Millimeter |
| Noun      | Bearing                    |
| UNSPSC    | 31171504                   |
| da max    | 52,5 mm                    |
| Weight    | 0,39 Kg                    |
| Db min.   | 88 mm                      |
| Da max.   | 73 mm                      |
| ra max.   | 1 mm                       |
| da min.   | 2,2 mm                     |
| Ca max.   | 4,98 mm                    |
| ba min.   | 4,98 mm                    |
| r2 min.   | 1,1 mm                     |
| r0 max.   | 0,6 mm                     |
| r1 min.   | 1,1 mm                     |
| Category  | Single Row Ball Bearing    |
| Inventory | 0.0                        |
| Enclosure | 1 Metal Shield             |
| Snap ring | SP 80                      |
| Snap Ring | Yes                        |
|           |                            |

|                     |                                                                                                                                                                                                          |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Size (mm)           | 40x80x18                                                                                                                                                                                                 |
| Width (mm)          | 18                                                                                                                                                                                                       |
| Weight / LBS        | 0.807                                                                                                                                                                                                    |
| Mass bearing        | 0.39 kg                                                                                                                                                                                                  |
| D <sub>3</sub>      | 76.81 mm                                                                                                                                                                                                 |
| D <sub>4</sub>      | 86.6 mm                                                                                                                                                                                                  |
| Inch - Metric       | Metric                                                                                                                                                                                                   |
| Cage Material       | Steel                                                                                                                                                                                                    |
| Product Group       | B00308                                                                                                                                                                                                   |
| Keyword String      | Ball                                                                                                                                                                                                     |
| Other Features      | Deep Groove   With Snap Ring                                                                                                                                                                             |
| Bearing number      | 6208-ZNR                                                                                                                                                                                                 |
| Limiting speed      | 11000 r/min                                                                                                                                                                                              |
| Rolling Element     | Ball Bearing                                                                                                                                                                                             |
| Reference speed     | 18000 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    | 40MM Bore; 80MM Outside Diameter; 18MM Outer Race Width; 1 Metal Shield; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stee |
| Outside Diameter    | 3.15 Inch   80 Millimeter                                                                                                                                                                                |
| Outer Race Width    | 0.709 Inch   18 Millimeter                                                                                                                                                                               |
| Manufacturer Name   | SKF                                                                                                                                                                                                      |
| Weight / Kilogram   | 0.365                                                                                                                                                                                                    |
| d <sub>a</sub> max. | 52.5 mm                                                                                                                                                                                                  |
|                     | 73 mm                                                                                                                                                                                                    |

|                     |  |
|---------------------|--|
| D <sup>a</sup> max. |  |
|---------------------|--|

|                                 |               |
|---------------------------------|---------------|
| $D_b$ min.                      | 88 mm         |
| Internal Clearance              | C0-Medium     |
| $b_a$ min.                      | 2.2 mm        |
| $r_0$ max.                      | 0.6 mm        |
| $C_a$ max.                      | 4.98 mm       |
| $r_a$ max.                      | 1 mm          |
| Bore Diameter (mm)              | 40            |
| $d_a$ min.                      | 47 mm         |
| Outer Diameter (mm)             | 80            |
| Minimum Buy Quantity            | N/A           |
| $r_{1,2}$ min.                  | 1.1 mm        |
| $d_1$ ?                         | 52.6 mm       |
| $D_2$ ?                         | 69.8 mm       |
| Harmonized Tariff Code          | 8482.10.50.68 |
| Fatigue load limit (Pu)         | 0,8           |
| Calculation factor (f0)         | 14            |
| Internal Special Features       | No            |
| Basic dynamic load rating C     | 32.5 kN       |
| Basic dynamic load rating (C)   | 32,5 kN       |
| Basic static load rating (C0)   | 19 kN         |
| Maximum Capacity / Filling Slot | No            |
| Fatigue load limit $P_u$        | 0.8 kN        |
| Calculation factor $k_r$        | 0.025         |
| Calculation factor $f_0$        | 14            |
| Basic static load rating $C_0$  | 19 kN         |