



### Bearing No. 6213-2ZNR

|           |                               |
|-----------|-------------------------------|
| b         | 3,1 mm                        |
| f         | 2,82 mm                       |
| d         | 65 mm                         |
| D         | 120 mm                        |
| B         | 23 mm                         |
| C         | 4,06 mm                       |
| D4        | 129,7 mm                      |
| D3        | 115,21 mm                     |
| D2        | 106 mm                        |
| d1        | 83,3 mm                       |
| Bore      | 2.559 Inch   65<br>Millimeter |
| Noun      | Bearing                       |
| UNSPSC    | 31171504                      |
| da max    | 83,2 mm                       |
| Weight    | 1,05 Kg                       |
| Da max.   | 111 mm                        |
| Db min.   | 131 mm                        |
| ra max.   | 1,5 mm                        |
| da min.   | 3,5 mm                        |
| Ca max.   | 6,88 mm                       |
| ba min.   | 6,88 mm                       |
| r2 min.   | 1,5 mm                        |
| r0 max.   | 0,6 mm                        |
| r1 min.   | 1,5 mm                        |
| Category  | Single Row Ball Bearing       |
| Inventory | 0.0                           |
| Snap Ring | Yes                           |
| Snap ring | SP 120                        |
| Enclosure | 2 Metal Shields               |
|           |                               |

|                     |   |
|---------------------|---|
| Size (mm)           | 65x120x23   |
| Width (mm)          | 23  |
| Weight / LBS        | 2.45  |
| Mass bearing        | 1.1 kg  |
| D <sub>3</sub>      | 115.21 mm   |
| D <sub>4</sub>      | 129.7 mm  |
| Inch - Metric       | Metric  |
| Cage Material       | Steel   |
| Product Group       | B00308  |
| Keyword String      | Ball  |
| Bearing number      | 6213-2ZNR   |
| Limiting speed      | 7500 r/min  |
| Precision Class     | ABEC 1   ISO P0   |
| Rolling Element     | Ball Bearing  |
| Reference speed     | 12000 r/min   |
| Outside Diameter    | 4.724 Inch   120<br>Millimeter  |
| Long Description    | 65MM Bore; 120MM<br>Outside Diameter;<br>23MM Outer Race<br>Diameter; 2 Metal<br>Shields; Ball Bearing;<br>ABEC 1   ISO P0; No<br>Filling Slot; Yes Snap<br>Ring; No Internal<br>Special Features |
| Outer Race Width    | 0.906 Inch   23<br>Millimeter   |
| Manufacturer URL    | <a href="http://www.skf.com">http://www.skf.com</a>   |
| Manufacturer Name   | SKF   |
| Weight / Kilogram   | 1.11  |
| r <sub>0</sub> max. | 0.6 mm  |
| d <sub>a</sub> min. | 74 mm   |
| d <sub>a</sub> max. | 83.2 mm   |
| D <sub>a</sub> max. | 111 mm  |
|                     |   |

|                                 |               |
|---------------------------------|---------------|
| $b_a$ min.                      | 3.5 mm        |
| $D_b$ min.                      | 131 mm        |
| Internal Clearance              | C0-Medium     |
| Bore Diameter (mm)              | 65            |
| $C_a$ max.                      | 6.88 mm       |
| $r_a$ max.                      | 1.5 mm        |
| Outer Diameter (mm)             | 120           |
| $r_{1,2}$ min.                  | 1.5 mm        |
| Minimum Buy Quantity            | N/A           |
| $D_2$ ?                         | 105.8 mm      |
| $d_1$ ?                         | 83.3 mm       |
| Harmonized Tariff Code          | 8482.10.50.68 |
| Fatigue load limit (Pu)         | 1,73          |
| Calculation factor (f0)         | 15            |
| Manufacturer Item Number        | 6213-2ZNR     |
| Internal Special Features       | No            |
| Basic dynamic load rating C     | 58.5 kN       |
| Basic dynamic load rating (C)   | 58,5 kN       |
| Basic static load rating (C0)   | 40,5 kN       |
| Maximum Capacity / Filling Slot | No            |
| Fatigue load limit $P_u$        | 1.73 kN       |
| Calculation factor $k_r$        | 0.025         |
| Calculation factor $f_0$        | 14.7          |
| Basic static load rating $C_0$  | 40.5 kN       |