

# NKE 6207-Z-NR deep groove ball bearings

Online NKE 6207-Z-NR deep groove ball bearings 190x90x43 Size (mm) Expert.More Choices. NKE 6207-Z-NR deep groove ball bearings in Stock & Ready to Ship Now!

|                               |            |
|-------------------------------|------------|
| Size (mm)                     | 190x90x43  |
| Bore Diameter (mm)            | 190        |
| Outer Diameter (mm)           | 90         |
| Width (mm)                    | 43         |
| d                             | 90 mm      |
| D                             | 190 mm     |
| B                             | 43 mm      |
| d1                            | 129.2 mm   |
| d2                            | 108.97 mm  |
| D1                            | 153.1 mm   |
| a                             | 80 mm      |
| r1,2 – min.                   | 3 mm       |
| r3,4 – min.                   | 1.1 mm     |
| da – min.                     | 104 mm     |
| Da – max.                     | 176 mm     |
| Db – max.                     | 183 mm     |
| ra – max.                     | 2.5 mm     |
| rb – max.                     | 1 mm       |
| Basic dynamic load rating – C | 166 kN     |
| Basic static load rating – C0 | 146 kN     |
| Fatigue load limit – Pu       | 5.3 kN     |
| Reference speed               | 4500 r/min |

|                                 |                 |
|---------------------------------|-----------------|
| Limiting speed                  | 4500 r/min      |
| Calculation factor – kr         | 0.1             |
| Calculation factor – ka         | 1.6             |
| Calculation factor – e          | 1.14            |
| Calculation factor – X          | 0.35            |
| Calculation factor – Y0         | 0.26            |
| Calculation factor – Y1         | 0.55            |
| Calculation factor – Y2         | 0.57            |
| Inventory                       | 0.0             |
| Manufacturer Name               | SKF             |
| Minimum Buy Quantity            | N/A             |
| Weight / Kilogram               | 5.073           |
| EAN                             | 7316574822874   |
| Product Group                   | B00308          |
| Enclosure                       | Open            |
| Flush Ground                    | Yes             |
| Rolling Element                 | Ball Bearing    |
| Number of Rows of Balls         | Single Row      |
| Precision Class                 | ABEC 1   ISO P0 |
| Maximum Capacity / Filling Slot | No              |
| Snap Ring                       | No              |
| Cage Material                   | PEEK            |
| Contact Angle                   | 40 Degree       |
| Internal Clearance              | C0-Medium       |
| Number of Bearings              | 1 (Single)      |
| Preload                         | Light           |
| Mounting Arrangement            | Universal       |
| Inch – Metric                   | Metric          |

|                             |  |
|-----------------------------|--|
| Long Description            | 90MM Bore; 190MM Outside Diameter; 43MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of B |
| UNSPSC                      | 31171531   |
| Harmonized Tariff Code      | 8482.10.50.28  |
| Noun                        | Bearing  |
| Keyword String              | Angular Contact  |
| Manufacturer Item Number    | 7318 BEGAPH  |
| Bore                        | 3.543 Inch   90 Millimeter   |
| Outside Diameter            | 7.48 Inch   190 Millimeter   |
| Width                       | 1.693 Inch   43 Millimeter   |
| d1 ≈                        | 129.2 mm   |
| d2 ≈                        | 108.97 mm  |
| D1 ≈                        | 153.1 mm   |
| r1,2 min.                   | 3 mm   |
| r3,4 min.                   | 1.1 mm   |
| da min.                     | 104 mm   |
| Da max.                     | 176 mm   |
| Db max.                     | 183 mm   |
| ra max.                     | 2.5 mm   |
| rb max.                     | 1 mm   |
| Basic dynamic load rating C | 166 kN   |
| Basic static load rating C0 | 146 kN   |
| Fatigue load limit Pu       | 5.3 kN   |
| Calculation factor A        | 0.333  |
| Calculation factor kr       | 0.1  |
| Calculation factor e        | 1.14   |
| Calculation factor X        | 0.57   |
| Calculation factor Y0       | 0.52   |

|                       |        |
|-----------------------|--------|
| Calculation factor Y2 | 0.93   |
| Calculation factor Y1 | 0.55   |
| Mass bearing          | 5.2 kg |