

# NKE 6314-Z-NR deep groove ball bearings

How do you find the NKE 6314-Z-NR deep groove ball bearings 125x80x22 Size (mm) specification? Manufacturers 125 Bore Diameter (mm) Online Free check

|                               |           |
|-------------------------------|-----------|
| Size (mm)                     | 125x80x22 |
| Bore Diameter (mm)            | 125       |
| Outer Diameter (mm)           | 80        |
| Width (mm)                    | 22        |
| d                             | 80 mm     |
| D                             | 125 mm    |
| B                             | 22 mm     |
| d1                            | 93.9 mm   |
| d2                            | 93.9 mm   |
| D2                            | 113.95 mm |
| r1,2 – min.                   | 1.1 mm    |
| r3,4 – min.                   | 0.6 mm    |
| a                             | 24.8 mm   |
| da – min.                     | 86 mm     |
| da – max.                     | 93.3 mm   |
| db – min.                     | 86 mm     |
| db – max.                     | 93.3 mm   |
| Da – max.                     | 119 mm    |
| Db – max.                     | 121 mm    |
| ra – max.                     | 1 mm      |
| rb – max.                     | 0.6 mm    |
| Basic dynamic load rating – C | 65 kN     |

|                                       |                 |
|---------------------------------------|-----------------|
| Basic static load rating – C0         | 61 kN           |
| Fatigue load limit – Pu               | 2.6 kN          |
| Limiting speed for grease lubrication | 10000 r/min     |
| Ball – Dw                             | 14.288 mm       |
| Ball – z                              | 20              |
| Calculation factor – f0               | 15.5            |
| Preload class A – GA                  | 240 N           |
| Preload class B – GB                  | 480 N           |
| Preload class C – GC                  | 960 N           |
| Preload class D – GD                  | 1920 N          |
| Calculation factor – f                | 1               |
| Calculation factor – f2A              | 1               |
| Calculation factor – f2B              | 1.02            |
| Calculation factor – f2C              | 1.05            |
| Calculation factor – f2D              | 1.09            |
| Calculation factor – fHC              | 1               |
| Preload class A                       | 92 N/micron     |
| Preload class B                       | 125 N/micron    |
| Preload class C                       | 175 N/micron    |
| Preload class D                       | 254 N/micron    |
| Inventory                             | 0.0             |
| Manufacturer Name                     | SKF             |
| Minimum Buy Quantity                  | N/A             |
| Weight / Kilogram                     | 0.851           |
| EAN                                   | 7316571884400   |
| Product Group                         | B04270          |
| Enclosure                             | 2 Seals         |
| Precision Class                       | ABEC 7   ISO P4 |

|                          |   |
|--------------------------|---|
| Material – Ball          | Steel   |
| Number of Bearings       | 1 (Single)  |
| Contact Angle            | 15 Degree   |
| Preload                  | None  |
| Raceway Style            | 1 Rib Outer Ring  |
| Cage Material            | Phenolic  |
| Rolling Element          | Ball Bearing  |
| Enclosure Type           | Non Contact Seal  |
| Flush Ground             | No  |
| Inch – Metric            | Metric  |
| Other Features           | Single Row   Angular Contact   Super Precision  |
| Long Description         | 80MM Bore; 125MM Outside Diameter; 22MM Width; 2 Seals; ISO P4; Single; Phenolic Cage |
| UNSPSC                   | 31171531  |
| Harmonized Tariff Code   | 8482.10.50.28   |
| Noun                     | Bearing   |
| Keyword String           | Ball Angular Contact  |
| Manufacturer Item Number | S7016 CD/P4A  |
| Weight / LBS             | 1.874   |
| Bore                     | 3.15 Inch   80 Millimeter   |
| Outside Diameter         | 4.921 Inch   125 Millimeter   |
| Width                    | 0.866 Inch   22 Millimeter  |
| r1,2 min.                | 1.1 mm  |
| r3,4 min.                | 0.6 mm  |
| da min.                  | 86 mm   |

|   |             |
|---|-------------|
| da max.                                 | 93.3 mm     |
| db min.                                 | 86 mm       |
| db max.                                 | 93.3 mm     |
| Da max.                                 | 119 mm      |
| Db max.                                 | 121 mm      |
| ra max.                                 | 1 mm        |
| rb max.                                 | 0.6 mm      |
| Basic dynamic load rating C             | 65 kN       |
| Basic static load rating C0             | 61 kN       |
| Fatigue load limit Pu                   | 2.55 kN     |
| Attainable speed for grease lubrication | 10000 r/min |
| Ball diameter Dw                        | 14.288 mm   |
| Number of balls z                       | 20          |
| Preload class A GA                      | 240 N       |
| Static axial stiffness, preload class A | 92 N/μm     |
| Preload class B GB                      | 480 N       |
| Static axial stiffness, preload class B | 125 N/μm    |
| Preload class C GC                      | 960 N       |
| Static axial stiffness, preload class C | 175 N/μm    |
| Preload class D GD                      | 1920 N      |
| Static axial stiffness, preload class D | 254 N/μm    |
| Calculation factor f                    | 1.13        |
| Calculation factor f1                   | 1           |
| Calculation factor f2A                  | 1           |
| Calculation factor f2B                  | 1.02        |

|                        |         |
|------------------------|---------|
| Calculation factor f2C | 1.05    |
| Calculation factor f2D | 1.09    |
| Calculation factor fHC | 1       |
| Calculation factor f0  | 15.5    |
| Mass bearing           | 0.87 kg |