

16016 NTN Weight 0.597 Kg 80x125x14mm Deep groove ball bearings

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|--|-----------|
| rs min | 0.6 mm |
| Radial clearance class | CN |
| Mass | 0.6 kg |
| Dynamic load, C | 25.4 kN |
| Static load, C0 | 25.1 kN |
| Fatigue limit load, Cu | 1.13 kN |
| f0 | 16.4 |
| Nlim (oil) | 6.200 rpm |
| Nlim (grease) | 5.300 rpm |
| Min operating temperature, Tmin | -20 °C |
| Max operating temperature, Tmax | 120 °C |
| Characteristic cage frequency, FTF | 0.46 Hz |
| Characteristic rolling element frequency, BSF | 11.66 Hz |
| Characteristic outer ring frequency, BPF0 | 9.15 Hz |
| Characteristic inner ring frequency, BRFI | 10.85 Hz |
| da min | 84 mm |
| Da max | 121 mm |
| ra max | 0.6 mm |
| Bearing number | 16016 |

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|----------------------------------|--------------------------|
| Size (mm) | 80x125x14 |
| Brand | NTN |
| Bore Diameter (mm) | 80 |
| Outer Diameter (mm) | 125 |
| Width (mm) | 14 |
| d | 80 mm |
| D | 125 mm |
| B | 14 mm |
| C | 14 mm |
| r min. | 0.6 mm |
| da min. | 84 mm |
| Da max. | 121 mm |
| ra max. | 0.6 mm |
| Weight | 0.597 Kg |
| Basic dynamic load rating (C) | 25.4 kN |
| Basic static load rating (C0) | 25.1 kN |
| (Grease) Lubrication Speed | 5 300 r/min |
| (Oil) Lubrication Speed | 6 200 r/min |
| Category | Single Row Ball Bearings |
| BDI Inventory | 0.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.631 |
| EAN | 4547359515770 |
| Product Group – BDI | B00308 |
| Enclosure | Open |
| Precision Class | ABEC 1 ISO P0 |

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|---------------------------------|---|
| Maximum Capacity / Filling Slot | No |
| Rolling Element | Ball Bearing |
| Snap Ring | No |
| Internal Special Features | No |
| Cage Material | Steel |
| Internal Clearance | C0-Medium |
| Inch – Metric | Metric |
| Long Description | 80MM Bore; 125MM Outside Diameter; 14MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Category – BDI | Single Row Ball Bearing |
| UNSPSC | 31171504 |
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Ball |
| Manufacturer URL | http://www.ntnamerica.com |
| Manufacturer Item Number | 16016 |
| Weight / LBS | 1.392 |
| Outside Diameter | 4.921 Inch 125 Millimeter |
| Outer Race Width | 0.551 Inch 14 Millimeter |
| Bore | 3.15 Inch 80 Millimeter |