



SNR BEARING CORP.OF AMERICA

15 mm x 32 mm x 9 mm NTN 6002Z Single row deep groove ball bearings

Bearing No. 6002Z

| | |
|---|------------|
| d | 15 mm |
| D | 32 mm |
| B | 9 mm |
| rs min | 0.3 mm |
| Radial clearance class | CN |
| Mass | 0.03 kg |
| Dynamic load, C | 5.6 kN |
| Static load, C0 | 2.83 kN |
| Fatigue limit load, Cu | 0.13 kN |
| f0 | 13.9 |
| Nlim (oil) | 26,000 rpm |
| Nlim (grease) | 22,000 rpm |
| Min operating temperature, Tmin | -20 ° C |
| Max operating temperature, Tmax | 120 ° C |
| Characteristic cage frequency, FTF | 0.4 Hz |
| Characteristic rolling element frequency, BSF | 4.73 Hz |
| Characteristic outer ring frequency, BPF0 | 3.59 Hz |
| Characteristic inner ring frequency, BPF1 | 5.41 Hz |
| da min | 17 mm |
| Da max | 30 mm |
| ra max | 0.3 mm |
| | |

6002Z Bearing 2D drawings and 3D CAD models



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| | |
|---------------------------------|---|
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.029 |
| Product Group | B00308 |
| Enclosure | 1 Metal Shield |
| Precision Class | ABEC 1 ISO P0 |
| 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 | 15MM Bore; 32MM Outside Diameter; 9MM Outer Race Width; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel |
| Other Features | Deep Groove |
| Category | Single Row Ball Bearing |
| UNSPSC | 31171504 |
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Ball |
| Manufacturer URL | http://www.ntnamerica.com |
| Weight / LBS | 0.0758 |
| Inner Race Width | 0 Inch 0 Millimeter |
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|------------------|----------------------------|
| Outer Race Width | 0.354 Inch 9 Millimeter |
| Bore | 0.591 Inch 15 Millimeter |
| Outside Diameter | 1.26 Inch 32 Millimeter |