



# BROWNING BEARING COMPANY



6002lu Bearing 2D drawings and 3D CAD models

15,000 mm x 32,000 mm x 9,000 mm ntn 6002lu bearing

Bearing No. 6002lu

|   |            |
|---|------------|
| Size  | 15x32x9 mm |
| Bore Diameter                                 | 15,000 mm  |
| Outer Diameter                                | 32,000 mm  |
| Width   | 9,000 mm   |
| d   | 15,000 mm  |
| D   | 32,000 mm  |
| B   | 9,000 mm   |
| C   | 9,000 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 (grease)                                 | 15,000 rpm |
| Min operating temperature, Tmin               | -25 ° C    |
| Max operating temperature, Tmax               | 110 ° 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                     | 5.41 Hz    |



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|                                 |  |
|---------------------------------|--|
| frequency, BPFI                 |  |
| da min                          | 17 mm  |
| da max                          | 19 mm  |
| Da max                          | 30 mm  |
| ra max                          | 0.3 mm   |
| Category                        | Single Row Ball Bearings   |
| Inventory                       | 0.0  |
| Manufacturer Name               | NTN  |
| Minimum Buy Quantity            | N/A  |
| Weight / Kilogram               | 0  |
| EAN                             | 4547359318517  |
| Product Group                   | B00308   |
| Enclosure                       | 1 Seal   |
| 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  |
| Enclosure Type                  | Contact Seal   |
| Internal Clearance              | C0-Medium  |
| Inch - Metric                   | Metric   |
| Long Description                | 15MM Bore; 32MM Outside Diameter; 9MM Outer Race Width; 1 Seal; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage; Co |
| Other Features                  | Deep Groove   Double Lip Friction Nitrile Rubber Seal   -20 To 120 Deg C   Shell Alvania Prelubricated   |



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|                        |   |
|------------------------|---|
| Category               | Single Row Ball Bearing   |
| UNSPSC                 | 31171504  |
| Harmonized Tariff Code | 8482.10.50.68   |
| Noun                   | Bearing   |
| Keyword String         | Ball  |
| Manufacturer URL       | <a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a> |
| Weight / LBS           | 0.0753  |
| Outside Diameter       | 1.26 Inch   32 Millimeter   |
| Bore                   | 0.591 Inch   15 Millimeter  |
| Outer Race Width       | 0.354 Inch   9 Millimeter   |
| Inner Race Width       | 0 Inch   0 Millimeter   |