



## BEARING DRIVESHAFT, INC.



6008lu Bearing 2D drawings and 3D CAD models

40,000 mm x 68,000 mm x 15,000 mm ntn  
6008lu bearing

Bearing No. 6008lu

|   |             |
|---|-------------|
| Size  | 40x68x15 mm |
| Bore Diameter                                 | 40,000 mm   |
| Outer Diameter                                | 68,000 mm   |
| Width   | 15,000 mm   |
| d   | 40,000 mm   |
| D   | 68,000 mm   |
| B   | 15,000 mm   |
| C   | 15,000 mm   |
| rs min  | 1 mm        |
| Radial clearance class                        | CN          |
| Mass  | 0.19 kg     |
| Dynamic load, C                               | 16.8 kN     |
| Static load, C0                               | 11.5 kN     |
| Fatigue limit load, Cu                        | 0.52 kN     |
| f0  | 15.2        |
| Nlim (grease)                                 | 6,100 rpm   |
| Min operating temperature, Tmin               | -25 ° C     |
| Max operating temperature, Tmax               | 110 ° C     |
| Characteristic cage frequency, FTF            | 0.43 Hz     |
| Characteristic rolling element frequency, BSF | 6.66 Hz     |
| Characteristic outer ring frequency, BPF0     | 5.12 Hz     |
| Characteristic inner ring                     | 6.88 Hz     |



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|                                 |  |
|---------------------------------|--|
| frequency, BPFI                 |  |
| da min                          | 45 mm  |
| da max                          | 47 mm  |
| Da max                          | 63 mm  |
| ra max                          | 1 mm   |
| Category                        | Single Row Ball Bearings   |
| Inventory                       | 0.0  |
| Manufacturer Name               | NTN  |
| Minimum Buy Quantity            | N/A  |
| Weight / Kilogram               | 0.18   |
| EAN                             | 4547359329681  |
| 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                | 40MM Bore; 68MM Outside Diameter; 15MM 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; C |
| Other Features                  | Deep Groove   Double Lip Friction Nitrile Rubber Seal   -20 To 120 Deg C   |
| Category                        | Single Row Ball Bearing  |



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|                              |   |
|------------------------------|---|
| 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> |
| Manufacturer Item Number     | 6008LU  |
| Weight / LBS                 | 0.4475  |
| Outer Race Width             | 0.591 Inch   15 Millimeter  |
| Bore                         | 1.575 Inch   40 Millimeter  |
| Outside Diameter             | 2.677 Inch   68 Millimeter  |
| Inner Race Width             | 0 Inch   0 Millimeter   |
| bore diameter:               | 40 mm   |
| static load capacity:        | 11500 N   |
| outside diameter:            | 68 mm   |
| precision rating:            | ISO Class 0   |
| overall width:               | 15 mm   |
| finish/coating:              | Uncoated  |
| bore type:                   | Round   |
| bearing material:            | High Carbon Chrome Steel  |
| closure type:                | Single Seal   |
| cage material:               | Steel   |
| row type & fill slot:        | Single Row Non-Fill Slot  |
| inner ring width:            | 15 mm   |
| snap ring included:          | Without Snap Ring   |
| outer ring width:            | 15 mm   |
| internal clearance:          | CN  |
| maximum rpm (grease):        | 6100 rpm  |
| operating temperature range: | -40 to 120 ° C  |
| fillet radius:               | 1 mm  |
| dynamic load capacity:       | 16800 N   |
| manufacturer product page:   | <a href="#">Click here</a>  |



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