



## Seo-NTN Driveshaft USA CORP.

### NTN 7212bl1g Angular Contact Ball Bearings 7208 7209 7210 7213 7214 Bl1g

Bearing No. 7212bl1g

|   |           |
|---|-----------|
| d   | 60 mm     |
| D   | 110 mm    |
| B   | 22 mm     |
| d1  | 78.6 mm   |
| d2  | 78.6 mm   |
| D1  | 94.4 mm   |
| D2  | 103.2 mm  |
| a   | 47.3 mm   |
| Contact angle                                 | 40 °      |
| rs min  | 1.5 mm    |
| r1s min                                       | 1 mm      |
| Mass  | 0.9 kg    |
| Dynamic load, C                               | 53.5 kN   |
| Static load, C0                               | 41.5 kN   |
| Nlim (oil)                                    | 7,600 rpm |
| Nlim (grease)                                 | 5,700 rpm |
| Min operating temperature, Tmin               | -40 ° C   |
| Max operating temperature, Tmax               | 120 ° C   |
| Characteristic cage frequency, FTF            | 0.43 Hz   |
| Characteristic rolling element frequency, BSF | 5.35 Hz   |
| Characteristic outer ring frequency, BPF0     | 6.02 Hz   |
| Characteristic inner ring                     | 7.98 Hz   |

7212bl1g Bearing 2D drawings and 3D CAD models



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|                                 |  |
|---------------------------------|--|
| frequency, BPFI                 |  |
| da min                          | 68.5 mm  |
| Da max                          | 101.5 mm   |
| Db max                          | 104.5 mm   |
| r1a max                         | 1 mm   |
| ra max                          | 1.5 mm   |
| Category                        | Angular Contact Ball Bearings  |
| Inventory                       | 0.0  |
| Manufacturer Name               | NTN  |
| Minimum Buy Quantity            | N/A  |
| Weight / Kilogram               | 0.896  |
| EAN                             | 4547359443196  |
| Product Group                   | B00308   |
| Enclosure                       | Open   |
| Flush Ground                    | Yes  |
| Rolling Element                 | Ball Bearing   |
| Number of Rows of Balls         | Single Row   |
| Precision Class                 | ABEC 1   ISO P0  |
| Maximum Capacity / Filling Slot | No   |
| Snap Ring                       | No   |
| Cage Material                   | Brass  |
| Contact Angle                   | 40 Degree  |
| Internal Clearance              | C0-Medium  |
| Number of Bearings              | 1 (Single)   |
| Mounting Arrangement            | Universal  |
| Inch - Metric                   | Metric   |
| Long Description                | 60MM Bore; 110MM Outside Diameter; 22MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1   ISO P0; No Filling Slot; No Snap Ring |



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|                              |   |
|------------------------------|---|
| Category                     | Angular Contact Ball Bearing                                      |
| UNSPSC                       | 31171531  |
| Harmonized Tariff Code       | 8482.10.50.28   |
| Noun                         | Bearing   |
| Keyword String               | Angular Contact   |
| Manufacturer URL             | <a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a> |
| Manufacturer Item Number     | 7212BL1G  |
| Weight / LBS                 | 1.978   |
| Width                        | 0.866 Inch   22 Millimeter  |
| Bore                         | 2.362 Inch   60 Millimeter  |
| Outside Diameter             | 4.331 Inch   110 Millimeter                                       |
| bore diameter:               | 60 mm   |
| radial static load capacity: | 44500 N   |
| outside diameter:            | 110 mm  |
| operating temperature range: | -40 to 120 ° C  |
| overall width:               | 22 mm   |
| cage material:               | Brass   |
| contact angle:               | 40 °  |
| outer ring width:            | 22 mm   |
| row type & fill slot:        | Single-Row Non-Fill Slot  |
| maximum rpm:                 | 7600 rpm  |
| internal clearance:          | C0  |
| finish/coating:              | Uncoated  |
| bore type:                   | Round   |
| precision rating:            | ISO Class 0   |
| closure type:                | Open  |
| fillet radius:               | 1.5 mm  |
| snap ring included:          | Without Snap Ring   |
| series:                      | 72B   |
| bearing material:            | High Carbon Chrome Steel  |



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|                                  |                            |
|----------------------------------|----------------------------|
| weight:                          | 0.895 kg                   |
| radial dynamic load<br>capacity: | 56000 N                    |
| manufacturer product page:       | <a href="#">Click here</a> |