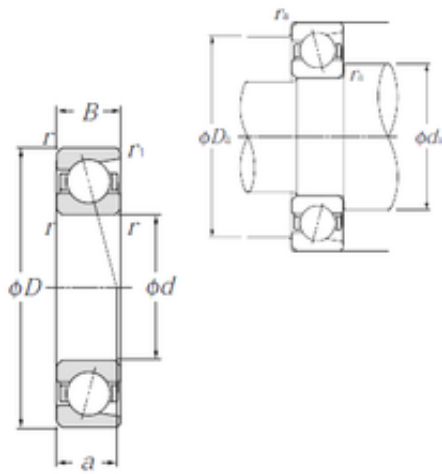




NTN PRECISION AXLE CORP.

100 mm x 215 mm x 47 mm NTN 7320B angular contact ball bearings



Bearing No. 7320B

| | |
|-------------------------------|---------------|
| Size | 100x215x47 mm |
| Bore Diameter | 100 mm |
| Outer Diameter | 215 mm |
| Width | 47 mm |
| d | 100 mm |
| D | 215 mm |
| B | 47 mm |
| C | 47 mm |
| Angle (°) | 40 ° |
| a | 89,5 mm |
| r min. | 3 mm |
| r1 min. | 1,1 mm |
| da min. | 114 mm |
| db min | 107 mm |
| ra max. | 2,5 mm |
| Weight | 7,32 Kg |
| Basic dynamic load rating (C) | 190 kN |
| Basic static load rating (C0) | 178 kN |
| (Grease) Lubrication Speed | 3 000 r/min |
| Contact angle | 40 ° |
| rs min | 3 mm |
| r1s min | 1.1 mm |
| Mass | 7.32 kg |
| Dynamic load, C | 190 kN |
| Static load, C0 | 178 kN |

7320B Bearing 2D drawings and 3D CAD models



NTN PRECISION AXLE CORP.

| | |
|---|-------------------------------|
| Fatigue limit load, Cu | 6.4 kN |
| Nlim (oil) | 4,000 rpm |
| Nlim (grease) | 3,000 rpm |
| Min operating temperature, Tmin | -40 ° C |
| Max operating temperature, Tmax | 120 ° C |
| Characteristic cage frequency, FTF | 0.41 Hz |
| Characteristic rolling element frequency, BSF | 4.17 Hz |
| Characteristic outer ring frequency, BPF0 | 4.93 Hz |
| Characteristic inner ring frequency, BPGI | 7.07 Hz |
| da min | 114 mm |
| Da max | 201 mm |
| Db max | 208 mm |
| r1a max | 1 mm |
| ra max | 2.5 mm |
| Category | Angular Contact Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 7.34 |
| Product Group | B00308 |
| Enclosure | Open |
| Flush Ground | No |
| 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 |



NTN PRECISION AXLE CORP.

| | |
|------------------------|--|
| Cage Material | Steel |
| Contact Angle | 40 Degree |
| Internal Clearance | C0-Medium |
| Number of Bearings | 1 (Single) |
| Inch - Metric | Metric |
| Long Description | 100MM Bore; 215MM Outside Diameter; 47MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Steel Cage; 40 Degree; 1 (Single) |
| Category | Angular Contact Ball Bearing |
| UNSPSC | 31171531 |
| Harmonized Tariff Code | 8482.10.50.28 |
| Noun | Bearing |
| Keyword String | Angular Contact |
| Manufacturer URL | http://www.ntnamerica.com |
| Outside Diameter | 8.465 Inch 215 Millimeter |
| Width | 1.85 Inch 47 Millimeter |
| Bore | 3.937 Inch 100 Millimeter |