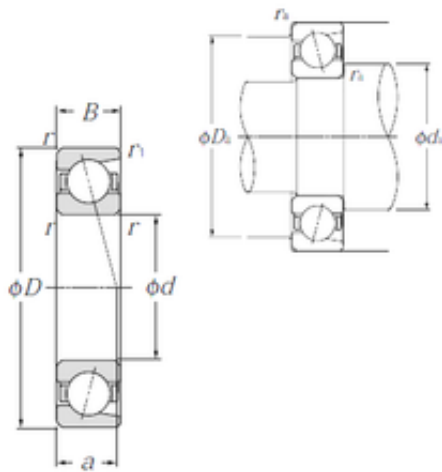




BEARING PRECISION AXLE CORP.

80 mm x 170 mm x 39 mm NTN 7316 Angular contact ball bearings



Bearing No. 7316

| | |
|-------------------------------|--------------|
| Size | 80x170x39 mm |
| Bore Diameter | 80 mm |
| Outer Diameter | 170 mm |
| Width | 39 mm |
| d | 80 mm |
| D | 170 mm |
| B | 39 mm |
| C | 39 mm |
| Angle (°) | 25 ° |
| a | 55,5 mm |
| r min. | 2,1 mm |
| r1 min. | 1,1 mm |
| da min. | 92 mm |
| db min | 87 mm |
| ra max. | 2 mm |
| Weight | 3,65 Kg |
| Basic dynamic load rating (C) | 147 kN |
| Basic static load rating (C0) | 119 kN |
| (Grease) Lubrication Speed | 4 500 r/min |
| Contact angle | 30 ° |
| rs min | 2.1 mm |
| r1s min | 1.1 mm |
| Mass | 3.65 kg |
| Dynamic load, C | 147 kN |
| Static load, C0 | 119 kN |

7316 Bearing 2D drawings and 3D CAD models



BEARING PRECISION AXLE CORP.

| | |
|---------------------------------|-------------------------------|
| Fatigue limit load, Cu | 4.85 kN |
| Nlim (oil) | 5,900 rpm |
| Nlim (grease) | 4,500 rpm |
| Min operating temperature, Tmin | -40 ° C |
| Max operating temperature, Tmax | 120 ° C |
| da min | 92 mm |
| Da max | 158 mm |
| Db max | 163 mm |
| r1a max | 1 mm |
| ra max | 2 mm |
| Category | Angular Contact Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 3.728 |
| EAN | 4547359452440 |
| 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 |
| Cage Material | Steel |
| Contact Angle | 30 Degree |
| Internal Clearance | C0-Medium |
| Number of Bearings | 1 (Single) |
| Inch - Metric | Metric |
| | |



BEARING PRECISION AXLE CORP.

| | |
|--------------------------|---|
| Long Description | 80MM Bore; 170MM Outside Diameter; 39MM 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; 30 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 |
| Manufacturer Item Number | 7316 |
| Bore | 3.15 Inch 80 Millimeter |
| Outside Diameter | 6.693 Inch 170 Millimeter |
| Width | 1.535 Inch 39 Millimeter |