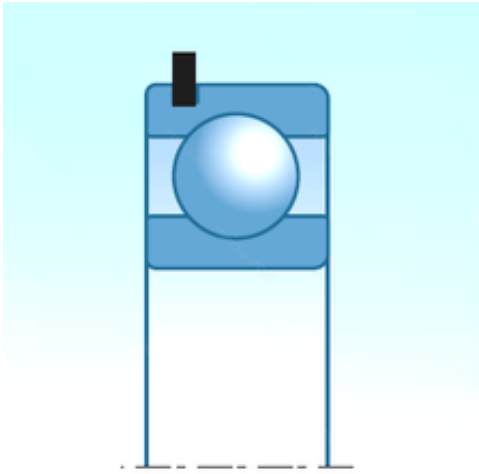




BEARING DRIVESHAFT, INC.



6003ZNR Bearing 2D drawings and 3D CAD models

17,000 mm x 35,000 mm x 10,000 mm NTN
6003ZNR deep groove ball bearings

Bearing No. 6003ZNR

| | |
|------------------------|-------------|
| Size | 17x35x10 mm |
| Bore Diameter | 17,000 mm |
| Outer Diameter | 35,000 mm |
| Width | 10,000 mm |
| d | 17,000 mm |
| D | 35,000 mm |
| B | 10,000 mm |
| C | 10,000 mm |
| a min | 1.9 mm |
| a max | 2.06 mm |
| Ca min | 2.92 mm |
| Ca max | 3.18 mm |
| rs min | 0.3 mm |
| rNs min | 0.3 mm |
| D3 max | 33.17 mm |
| b min | 1.35 mm |
| b max | 1.65 mm |
| r0 max | 0.4 mm |
| D4 max | 39.7 mm |
| f | 1.12 mm |
| Snap ring reference | R35 |
| Radial clearance class | CN |
| Mass | 0.04 kg |
| Dynamic load, C | 6.8 kN |
| Static load, C0 | 3.35 kN |
| | |



BEARING DRIVESHAFT, INC.

| | |
|---|--------------------------|
| Fatigue limit load, Cu | 0.15 kN |
| f0 | 13.6 |
| Nlim (oil) | 24,000 rpm |
| Nlim (grease) | 20,000 rpm |
| Min operating temperature, Tmin | -20 ° C |
| Max operating temperature, Tmax | 120 ° C |
| Characteristic cage frequency, FTF | 0.39 Hz |
| Characteristic rolling element frequency, BSF | 4.47 Hz |
| Characteristic outer ring frequency, BPF0 | 3.14 Hz |
| Characteristic inner ring frequency, BPF1 | 4.86 Hz |
| da min | 19 mm |
| Da max | 33 mm |
| ra max | 0.3 mm |
| rNa max | 0.3 mm |
| Db min | 40.5 mm |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.038 |
| Product Group | B00308 |
| Enclosure | 1 Metal Shield |
| Precision Class | ABEC 1 ISO P0 |
| Maximum Capacity / Filling Slot | No |
| Rolling Element | Ball Bearing |
| Snap Ring | Yes |
| Internal Special Features | No |
| | |



BEARING DRIVESHAFT, INC.

| | |
|------------------------|--|
| Cage Material | Steel |
| Internal Clearance | C0-Medium |
| Inch - Metric | Metric |
| Long Description | 17MM Bore; 35MM Outside Diameter; 10MM Outer Race Width; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stee |
| Other Features | Deep Groove With Snap Ring |
| Category | Single Row Ball Bearing |
| UNSPSC | 31171504 |
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Ball |
| Manufacturer URL | http://www.ntnamerica.com |
| Weight / LBS | 0.08598 |
| Outer Race Width | 0.394 Inch 10 Millimeter |
| Inner Race Width | 0 Inch 0 Millimeter |
| Bore | 0.669 Inch 17 Millimeter |
| Outside Diameter | 1.378 Inch 35 Millimeter |