



NTPT NTK BEARINGS CO.,LTD.

17 mm x 26 mm x 5 mm NTN 6803 Bearing



Bearing No. 6803

| | |
|-------------------------------|--------------|
| Size | 17x26x5 mm |
| Bore Diameter | 17 mm |
| Outer Diameter | 26 mm |
| Width | 5 mm |
| d | 17 mm |
| D | 26 mm |
| B | 5 mm |
| C | 5 mm |
| r min. | 0,3 mm |
| da min. | 19 mm |
| da max | 19,5 mm |
| Da max. | 24 mm |
| ra max. | 0,3 mm |
| Weight | 0,008 Kg |
| Basic dynamic load rating (C) | 2,23 kN |
| Basic static load rating (C0) | 1,46 kN |
| (Grease) Lubrication Speed | 24 000 r/min |
| (Oil) Lubrication Speed | 28 000 r/min |
| rs min | 0.3 mm |
| Radial clearance class | CN |
| Mass | 0.008 kg |
| Dynamic load, C | 2.23 kN |
| Static load, C0 | 1.46 kN |
| Fatigue limit load, Cu | 0.07 kN |
| f0 | 16.1 |
| Nlim (oil) | 28,000 rpm |

6803 Bearing 2D drawings and 3D CAD models



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|---|--------------------------|
| Nlim (grease) | 24,000 rpm |
| Min operating temperature, Tmin | -20 ° C |
| Max operating temperature, Tmax | 120 ° C |
| Characteristic cage frequency, FTF | 0.44 Hz |
| Characteristic rolling element frequency, BSF | 8.92 Hz |
| Characteristic outer ring frequency, BPF0 | 7.11 Hz |
| Characteristic inner ring frequency, BRF1 | 8.89 Hz |
| da min | 19 mm |
| Da max | 24 mm |
| ra max | 0.3 mm |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.014 |
| EAN | 4547359006117 |
| Product Group | B00308 |
| Enclosure | Open |
| 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 |
| Internal Clearance | C0-Medium |
| Inch - Metric | Metric |
| Long Description | 17MM Bore; 26MM |



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|------------------------|---|
| | Outside Diameter; 5MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage |
| Other Features | Deep Groove |
| 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 | 0.018 |
| Inner Race Width | 0 Inch 0 Millimeter |
| Bore | 0.669 Inch 17 Millimeter |
| Outside Diameter | 1.024 Inch 26 Millimeter |
| Outer Race Width | 0.197 Inch 5 Millimeter |