



BEARING Driveshaft do Brasil

17 mm x 35 mm x 10 mm RKS.160.14.0844
Crossed Roller Slewing Bearings(914*774*56mm)
Without Gear For Industrial Manipulator

Bearing No. 6003C3

| | |
|---|--------------------------|
| d | 17 mm |
| D | 35 mm |
| B | 10 mm |
| rs min | 0.3 mm |
| Radial clearance class | C3 |
| Mass | 0.04 kg |
| Dynamic load, C | 6.8 kN |
| Static load, C0 | 3.35 kN |
| Fatigue limit load, Cu | 0.15 kN |
| f0 | 13.6 |
| Nlim (oil) | 24,000 rpm |
| Nlim (grease) | 20,000 rpm |
| Min operating temperature, Tmin | -60 ° 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, BRFI | 4.86 Hz |
| da min | 19 mm |
| Da max | 33 mm |
| ra max | 0.3 mm |
| Category | Single Row Ball Bearings |
| | |

6003C3 Bearing 2D drawings and 3D CAD models



BEARING Driveshaft do Brasil

| | |
|---------------------------------|--|
| Inventory | 0.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.039 |
| EAN | 4547359544251 |
| 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 | C3-Loose |
| Inch - Metric | Metric |
| Long Description | 17MM Bore; 35MM Outside Diameter; 10MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| 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 |
| Manufacturer Item Number | 6003/5C |
| Weight / LBS | 0.086 |
| Bore | 0.669 Inch 17 Millimeter |
| Outside Diameter | 1.378 Inch 35 Millimeter |
| Outer Race Width | 0.394 Inch 10 Millimeter |



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| | |
|------------------------------|----------------------------|
| bore diameter: | 17 mm |
| finish/coating: | Uncoated |
| outside diameter: | 35 mm |
| bearing material: | High Carbon Chrome Steel |
| overall width: | 10 mm |
| cage material: | Steel |
| bore type: | Round |
| inner ring width: | 10 mm |
| closure type: | Open |
| outer ring width: | 10 mm |
| row type & fill slot: | Single Row Non-Fill Slot |
| maximum rpm (grease): | 20000 rpm |
| snap ring included: | Without Snap Ring |
| maximum rpm (oil): | 24000 rpm |
| internal clearance: | C3 |
| fillet radius: | 0.3 mm |
| operating temperature range: | -40 to 120 ° C |
| maximum rpm: | 24000 RPM |
| dynamic load capacity: | 6800 N |
| series: | 60 |
| static load capacity: | 3350 N |
| manufacturer product page: | Click here |
| precision rating: | Class 0 |