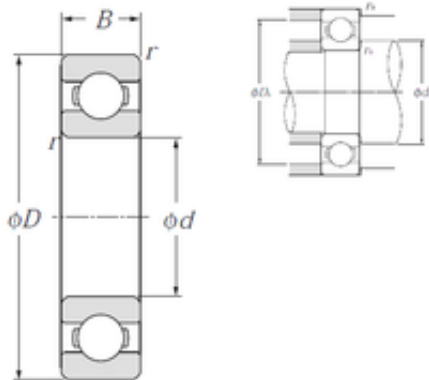




NTNY BEARING LTD

17 mm x 47 mm x 14 mm ntn 6303 bearing



Bearing No. 6303

| | |
|-------------------------------|--------------|
| Size | 17x47x14 mm |
| Bore Diameter | 17 mm |
| Outer Diameter | 47 mm |
| Width | 14 mm |
| d | 17 mm |
| D | 47 mm |
| B | 14 mm |
| C | 14 mm |
| r min. | 1 mm |
| da min. | 22 mm |
| da max | 25 mm |
| Da max. | 42 mm |
| ra max. | 1 mm |
| Weight | 0,115 Kg |
| Basic dynamic load rating (C) | 13,5 kN |
| Basic static load rating (C0) | 6,55 kN |
| (Grease) Lubrication Speed | 16 000 r/min |
| (Oil) Lubrication Speed | 19 000 r/min |
| rs min | 1 mm |
| Radial clearance class | CN |
| Mass | 0.12 kg |
| Dynamic load, C | 13.5 kN |
| Static load, C0 | 6.55 kN |
| Fatigue limit load, Cu | 0.3 kN |
| f0 | 12.2 |
| Nlim (oil) | 19,000 rpm |

6303 Bearing 2D drawings and 3D CAD models



NTNY BEARING LTD

| | |
|---|--|
| Nlim (grease) | 16,000 rpm |
| Min operating temperature, Tmin | -20 ° C |
| Max operating temperature, Tmax | 120 ° C |
| Characteristic cage frequency, FTF | 0.36 Hz |
| Characteristic rolling element frequency, BSF | 3.39 Hz |
| Characteristic outer ring frequency, BPF0 | 2.54 Hz |
| Characteristic inner ring frequency, BPF1 | 4.46 Hz |
| da min | 22 mm |
| Da max | 42 mm |
| ra max | 1 mm |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.114 |
| 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; 47MM Outside Diameter; 14MM Outer Race Width; Open; |



NTNY BEARING LTD

| | |
|--------------------------|--|
| | 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 |
| Manufacturer Item Number | 6303 |
| Weight / LBS | 0.254 |
| Outer Race Width | 0.551 Inch 14 Millimeter |
| Bore | 0.669 Inch 17 Millimeter |
| Inner Race Width | 0 Inch 0 Millimeter |
| Outside Diameter | 1.85 Inch 47 Millimeter |
| bore diameter: | 17 mm |
| precision rating: | Class 0 |
| outside diameter: | 47 mm |
| finish/coating: | Uncoated |
| overall width: | 14 mm |
| bearing material: | High Carbon Chrome Steel |
| bore type: | Round |
| cage material: | Steel |
| closure type: | Open |
| inner ring width: | 14 mm |
| row type & fill slot: | Single Row Non-Fill Slot |
| outer ring width: | 14 mm |
| snap ring included: | Without Snap Ring |
| maximum rpm (grease): | 16000 rpm |
| | |



NTNY BEARING LTD

| | |
|------------------------------|----------------------------|
| internal clearance: | CN |
| maximum rpm (oil): | 19000 rpm |
| operating temperature range: | -40 to 120 ° C |
| fillet radius: | 1 mm |
| dynamic load capacity: | 16500 N |
| manufacturer product page: | Click here |
| static load capacity: | 6550 N |