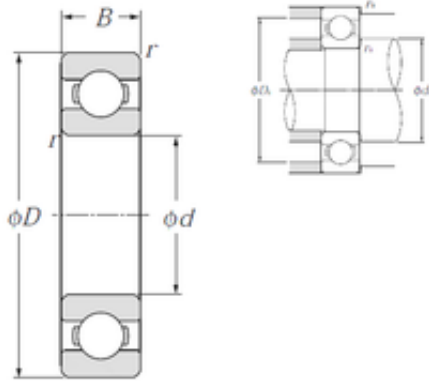




Toyana Bearing Manufacturing of Canada



6005 Bearing 2D drawings and 3D CAD models

25 mm x 47 mm x 12 mm NTN 6005 Flange Block Bearings

Bearing No. 6005

| | |
|-------------------------------|--------------|
| Size | 25x47x12 mm |
| Bore Diameter | 25 mm |
| Outer Diameter | 47 mm |
| Width | 12 mm |
| d | 25 mm |
| D | 47 mm |
| B | 12 mm |
| C | 12 mm |
| r min. | 0,6 mm |
| da min. | 29 mm |
| da max | 30,5 mm |
| Da max. | 43 mm |
| ra max. | 0,6 mm |
| Weight | 0,08 Kg |
| Basic dynamic load rating (C) | 10,1 kN |
| Basic static load rating (C0) | 5,85 kN |
| (Grease) Lubrication Speed | 15 000 r/min |
| (Oil) Lubrication Speed | 18 000 r/min |
| rs min | 0.6 mm |
| Radial clearance class | CN |
| Mass | 0.08 kg |
| Dynamic load, C | 10.1 kN |
| Static load, C0 | 5.85 kN |
| Fatigue limit load, Cu | 0.27 kN |
| f0 | 14.5 |



Toyana Bearing Manufacturing of Canada

| | |
|---|--------------------------|
| Nlim (oil) | 18,000 rpm |
| Nlim (grease) | 15,000 rpm |
| Min operating temperature, Tmin | -20 ° C |
| Max operating temperature, Tmax | 120 ° C |
| Characteristic cage frequency, FTF | 0.41 Hz |
| Characteristic rolling element frequency, BSF | 5.49 Hz |
| Characteristic outer ring frequency, BPF0 | 4.12 Hz |
| Characteristic inner ring frequency, BPFI | 5.88 Hz |
| da min | 29 mm |
| Da max | 43 mm |
| ra max | 0.6 mm |
| Category | Single Row Ball Bearings |
| Inventory | 50.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.074 |
| EAN | 4547359003758 |
| 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 |
| | |



Toyana Bearing Manufacturing of Canada

| | |
|------------------------|---|
| Long Description | 25MM Bore; 47MM Outside Diameter; 12MM 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 | 0.176 |
| Inner Race Width | 0 Inch 0 Millimeter |
| Bore | 0.984 Inch 25 Millimeter |
| Outer Race Width | 0.472 Inch 12 Millimeter |
| Outside Diameter | 1.85 Inch 47 Millimeter |