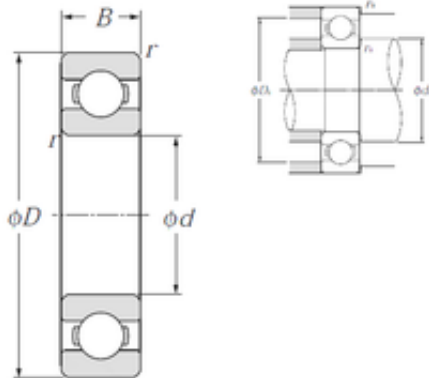




BEARING DRIVESHAFT, INC.

12 mm x 37 mm x 12 mm ntn 6301 bearing



Bearing No. 6301

| | |
|-------------------------------|--------------|
| Size | 12x37x12 mm |
| Bore Diameter | 12 mm |
| Outer Diameter | 37 mm |
| Width | 12 mm |
| d | 12 mm |
| D | 37 mm |
| B | 12 mm |
| C | 12 mm |
| r min. | 1 mm |
| da min. | 17 mm |
| da max | 18,5 mm |
| Da max. | 32 mm |
| ra max. | 1 mm |
| Weight | 0,06 Kg |
| Basic dynamic load rating (C) | 9,7 kN |
| Basic static load rating (C0) | 4,2 kN |
| (Grease) Lubrication Speed | 20 000 r/min |
| (Oil) Lubrication Speed | 24 000 r/min |
| rs min | 1 mm |
| Radial clearance class | CN |
| Mass | 0.06 kg |
| Dynamic load, C | 9.7 kN |
| Static load, C0 | 4.2 kN |
| Fatigue limit load, Cu | 0.19 kN |
| f0 | 11.1 |
| Nlim (oil) | 24,000 rpm |

6301 Bearing 2D drawings and 3D CAD models



BEARING DRIVESHAFT, INC.

| | |
|---|--------------------------|
| Nlim (grease) | 20,000 rpm |
| Min operating temperature, Tmin | -20 ° C |
| Max operating temperature, Tmax | 120 ° C |
| Characteristic cage frequency, FTF | 0.34 Hz |
| Characteristic rolling element frequency, BSF | 2.76 Hz |
| Characteristic outer ring frequency, BPF0 | 2.03 Hz |
| Characteristic inner ring frequency, BRF1 | 3.97 Hz |
| da min | 17 mm |
| Da max | 32 mm |
| ra max | 1 mm |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.061 |
| EAN | 4547359005271 |
| 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 | 12MM Bore; 37MM |



BEARING DRIVESHAFT, INC.

| | |
|--------------------------|---|
| | Outside Diameter; 12MM 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.snrbearings.com |
| Manufacturer Item Number | 6301 |
| Weight / LBS | 0.132 |
| Outside Diameter | 1.457 Inch 37 Millimeter |
| Outer Race Width | 0.472 Inch 12 Millimeter |
| Bore | 0.472 Inch 12 Millimeter |
| bore diameter: | 12 mm |
| precision rating: | Class 0 |
| outside diameter: | 37 mm |
| finish/coating: | Uncoated |
| overall width: | 12 mm |
| bearing material: | High Carbon Chrome Steel |
| bore type: | Round |
| cage material: | Steel |
| closure type: | Open |
| inner ring width: | 12 mm |
| row type & fill slot: | Single Row Non-Fill Slot |
| outer ring width: | 12 mm |
| snap ring included: | Without Snap Ring |
| maximum rpm (grease): | 20000 rpm |
| internal clearance: | CN |
| maximum rpm (oil): | 24000 rpm |
| | |



BEARING DRIVESHAFT, INC.

| | |
|------------------------------|----------------------------|
| operating temperature range: | -40 to 120 ° C |
| fillet radius: | 1 mm |
| dynamic load capacity: | 9700 N |
| manufacturer product page: | Click here |
| static load capacity: | 4200 N |