



NTN BEARING-SUDAMERICANA, S.A.



6009lu Bearing 2D drawings and 3D CAD models

NTN 6009lu Bearing

Bearing No. 6009lu

| | |
|---|-------------|
| Size | 45x75x16 mm |
| Bore Diameter | 45,000 mm |
| Outer Diameter | 75,000 mm |
| Width | 16,000 mm |
| d | 45,000 mm |
| D | 75,000 mm |
| B | 16,000 mm |
| C | 16,000 mm |
| rs min | 1 mm |
| Radial clearance class | CN |
| Mass | 0.24 kg |
| Dynamic load, C | 21 kN |
| Static load, C0 | 15.1 kN |
| Fatigue limit load, Cu | 0.69 kN |
| f0 | 15.3 |
| Nlim (grease) | 5,400 rpm |
| Min operating temperature, Tmin | -25 ° C |
| Max operating temperature, Tmax | 110 ° C |
| Characteristic cage frequency, FTF | 0.43 Hz |
| Characteristic rolling element frequency, BSF | 6.73 Hz |
| Characteristic outer ring frequency, BPF0 | 5.55 Hz |
| Characteristic inner ring frequency, BPGI | 7.45 Hz |
| | |



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| | |
|---------------------------------|--|
| da min | 50 mm |
| da max | 52.5 mm |
| Da max | 70 mm |
| ra max | 1 mm |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.237 |
| EAN | 4547359548297 |
| Product Group | B00308 |
| Enclosure | 1 Seal |
| 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 |
| Enclosure Type | Contact Seal |
| Internal Clearance | C0-Medium |
| Inch - Metric | Metric |
| Long Description | 45MM Bore; 75MM Outside Diameter; 16MM Outer Race Width; 1 Seal; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage; C |
| Other Features | Deep Groove Double Lip Friction Nitrile Rubber Seal -20 To 120 Deg C |
| Category | Single Row Ball Bearing |
| UNSPSC | 31171504 |



NTN BEARING-SUDAMERICANA, S.A.

| | |
|------------------------------|---|
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Ball |
| Manufacturer URL | http://www.ntnamerica.com |
| Manufacturer Item Number | 6009LU |
| Weight / LBS | 0.53572 |
| Outside Diameter | 2.953 Inch 75 Millimeter |
| Outer Race Width | 0.63 Inch 16 Millimeter |
| Inner Race Width | 0 Inch 0 Millimeter |
| Bore | 1.772 Inch 45 Millimeter |
| bore diameter: | 45 mm |
| precision rating: | ISO Class 0 |
| outside diameter: | 75 mm |
| finish/coating: | Uncoated |
| overall width: | 16 mm |
| bearing material: | High Carbon Chrome Steel |
| bore type: | Round |
| cage material: | Steel |
| closure type: | Single Seal |
| inner ring width: | 16 mm |
| row type & fill slot: | Single Row Non-Fill Slot |
| outer ring width: | 16 mm |
| snap ring included: | Without Snap Ring |
| maximum rpm (grease): | 5400 rpm |
| internal clearance: | CN |
| fillet radius: | 1 mm |
| operating temperature range: | -40 to 120 ° C |
| maximum rpm: | 11000 RPM |
| dynamic load capacity: | 21000 N |
| series: | 60 |
| static load capacity: | 11500 N |



NTN BEARING-SUDAMERICANA, S.A.

manufacturer product page:

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