



Bearing No. 6001LLU

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| D | 28 mm |
| d | 12 mm |
| B | 8 mm |
| C | 8 mm |
| f0 | 13.2 |
| Bore | 0.472 Inch 12 Millimeter |
| Mass | 0.02 kg |
| Noun | Bearing |
| rs min | 0.3 mm |
| UNSPSC | 31171504 |
| Weight | 0,021 Kg |
| ra max | 0.3 mm |
| r min. | 0,3 mm |
| da min | 14 mm |
| Da max | 26 mm |
| da max | 16 mm |
| Da max. | 26 mm |
| ra max. | 0,3 mm |
| da min. | 14 mm |
| series: | 60 |
| Category | Single Row Ball Bearing |
| Inventory | 0.0 |
| Size (mm) | 12x28x8 |
| Snap Ring | No |
| Enclosure | 2 Seals |
| bore type: | Round |
| Width (mm) | 8 |
| Weight / LBS | 0.045 |
| maximum rpm: | 30000 RPM |
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|-------------------|---|
| Cage Material | Steel |
| Nlim (grease) | 18,000 rpm |
| closure type: | Double Sealed |
| Inch - Metric | Metric |
| Product Group | B00308 |
| Enclosure Type | Contact Seal |
| Bearing number | 6001LLU |
| Keyword String | Ball |
| bore diameter: | 12 mm |
| cage material: | Steel |
| fillet radius: | 0.3 mm |
| overall width: | 8 mm |
| finish/coating: | Uncoated |
| Rolling Element | Ball Bearing |
| Precision Class | ABEC 1 ISO P0 |
| Reference speed | 18 000 r/min |
| Dynamic load, C | 5.1 kN |
| Static load, C0 | 2.39 kN |
| Outside Diameter | 1.102 Inch 28 Millimeter |
| Outer Race Width | 0.315 Inch 8 Millimeter |
| Manufacturer URL | http://www.ntnamerica.com |
| Long Description | 12MM Bore; 28MM Outside Diameter; 8MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| outer ring width: | 8 mm |
| Weight / Kilogram | 0.02 |
| outside diameter: | 28 mm |
| bearing material: | High Carbon Chrome |

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|---------------------------------|----------------------------|
| | Steel |
| precision rating: | ISO Class 0 |
| Manufacturer Name | NTN |
| inner ring width: | 8 mm |
| Internal Clearance | C0-Medium |
| Bore Diameter (mm) | 12 |
| snap ring included: | Without Snap Ring |
| internal clearance: | CN |
| Outer Diameter (mm) | 28 |
| Minimum Buy Quantity | N/A |
| maximum rpm (grease): | 18000 rpm |
| static load capacity: | 2390 N |
| row type & fill slot: | Single Row Non-Fill Slot |
| Fatigue limit load, Cu | 0.11 kN |
| dynamic load capacity: | 5100 N |
| Harmonized Tariff Code | 8482.10.50.68 |
| Radial clearance class | CN |
| Manufacturer Item Number | 6001LLU/5C |
| Internal Special Features | No |
| manufacturer product page: | Click here |
| operating temperature range: | -40 to 120 °C |
| Basic static load rating (C0) | 2,39 kN |
| Basic dynamic load rating (C) | 5,1 kN |
| Min operating temperature, Tmin | -25 °C |
| Max operating temperature, Tmax | 110 °C |
| Maximum Capacity / Filling Slot | No |

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|---|---------|
| Characteristic cage frequency, FTF | 0.38 Hz |
| Characteristic outer ring frequency, BPF0 | 3.07 Hz |
| Characteristic inner ring frequency, BPF1 | 4.93 Hz |
| Characteristic rolling element frequency, BSF | 4.07 Hz |