



BROWNING BEARING COMPANY



6205lu Bearing 2D drawings and 3D CAD models

25,000 mm x 52,000 mm x 15,000 mm ntn
6205lu bearing

Bearing No. 6205lu

| | |
|---|-------------|
| Size | 25x52x15 mm |
| Bore Diameter | 25,000 mm |
| Outer Diameter | 52,000 mm |
| Width | 15,000 mm |
| d | 25,000 mm |
| D | 52,000 mm |
| B | 15,000 mm |
| C | 15,000 mm |
| rs min | 1 mm |
| Radial clearance class | CN |
| Mass | 0.13 kg |
| Dynamic load, C | 14 kN |
| Static load, C0 | 7.85 kN |
| Fatigue limit load, Cu | 0.36 kN |
| f0 | 13.9 |
| Nlim (grease) | 8,900 rpm |
| Min operating temperature, Tmin | -25 ° C |
| Max operating temperature, Tmax | 110 ° C |
| Characteristic cage frequency, FTF | 0.4 Hz |
| Characteristic rolling element frequency, BSF | 4.71 Hz |
| Characteristic outer ring frequency, BPF0 | 3.58 Hz |
| Characteristic inner ring | 5.42 Hz |



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| | |
|---------------------------------|--|
| frequency, BPFI | |
| da min | 30 mm |
| da max | 32 mm |
| Da max | 47 mm |
| ra max | 1 mm |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.123 |
| EAN | 4547359356342 |
| 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 | 25MM Bore; 52MM Outside Diameter; 15MM Outer Race Diameter; 1 Seal; 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 |
| | |



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| Keyword String | Ball |
|------------------------------|---|
| Manufacturer URL | http://www.ntnamerica.com |
| Manufacturer Item Number | 6205LU |
| Weight / LBS | 0.272 |
| Outside Diameter | 2.047 Inch 52 Millimeter |
| Outer Race Width | 0.591 Inch 15 Millimeter |
| Bore | 0.984 Inch 25 Millimeter |
| bore diameter: | 25 mm |
| precision rating: | ISO Class 0 |
| outside diameter: | 52 mm |
| finish/coating: | Uncoated |
| overall width: | 15 mm |
| bearing material: | High Carbon Chrome Steel |
| bore type: | Round |
| cage material: | Steel |
| closure type: | Single Seal |
| inner ring width: | 15 mm |
| row type & fill slot: | Single Row Non-Fill Slot |
| outer ring width: | 15 mm |
| snap ring included: | Without Snap Ring |
| maximum rpm (grease): | 8900 rpm |
| internal clearance: | CN |
| fillet radius: | 1 mm |
| operating temperature range: | -40 to 120 ° C |
| maximum rpm: | 15000 RPM |
| dynamic load capacity: | 14000 N |
| series: | 62 |
| static load capacity: | 7850 N |
| manufacturer product page: | Click here |