



BROWNING BEARING COMPANY

40 mm x 80 mm x 18 mm ntn 6208 bearing



Bearing No. 6208

| | |
|-------------------------------|--------------|
| Size | 40x80x18 mm |
| Bore Diameter | 40 mm |
| Outer Diameter | 80 mm |
| Width | 18 mm |
| d | 40 mm |
| D | 80 mm |
| B | 18 mm |
| C | 18 mm |
| r min. | 1,1 mm |
| da min. | 46,5 mm |
| da max | 51 mm |
| Da max. | 73,5 mm |
| ra max. | 1 mm |
| Weight | 0,366 Kg |
| Basic dynamic load rating (C) | 29,1 kN |
| Basic static load rating (C0) | 17,8 kN |
| (Grease) Lubrication Speed | 8 700 r/min |
| (Oil) Lubrication Speed | 10 000 r/min |
| rs min | 1.1 mm |
| Radial clearance class | CN |
| Mass | 0.37 kg |
| Dynamic load, C | 29.1 kN |
| Static load, C0 | 17.8 kN |
| Fatigue limit load, Cu | 0.81 kN |
| f0 | 14 |
| Nlim (oil) | 10,000 rpm |

6208 Bearing 2D drawings and 3D CAD models



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| | |
|---|---|
| Nlim (grease) | 8,700 rpm |
| Min operating temperature, Tmin | -20 ° C |
| Max operating temperature, Tmax | 120 ° C |
| Characteristic cage frequency, FTF | 0.4 Hz |
| Characteristic rolling element frequency, BSF | 4.84 Hz |
| Characteristic outer ring frequency, BPF0 | 3.61 Hz |
| Characteristic inner ring frequency, BRFI | 5.39 Hz |
| da min | 46.5 mm |
| Da max | 73.5 mm |
| ra max | 1 mm |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.365 |
| 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 |
| Long Description | 40MM Bore; 80MM Outside Diameter; 18MM Outer Race Diameter; |



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| | |
|------------------------------|---|
| | 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.ntnamerica.com |
| Manufacturer Item Number | 6208 |
| Weight / LBS | 0.807 |
| Outer Race Width | 0.709 Inch 18 Millimeter |
| Bore | 1.575 Inch 40 Millimeter |
| Outside Diameter | 3.15 Inch 80 Millimeter |
| bore diameter: | 40 mm |
| finish/coating: | Uncoated |
| outside diameter: | 80 mm |
| bearing material: | High Carbon Chrome Steel |
| overall width: | 18 mm |
| cage material: | Steel |
| bore type: | Round |
| inner ring width: | 18 mm |
| closure type: | Open |
| outer ring width: | 18 mm |
| row type & fill slot: | Single Row Non-Fill Slot |
| maximum rpm (grease): | 8700 rpm |
| snap ring included: | Without Snap Ring |
| maximum rpm (oil): | 10000 rpm |
| internal clearance: | CN |
| fillet radius: | 1 mm |
| operating temperature range: | -40 to 120 ° C |



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| | |
|----------------------------|----------------------------|
| maximum rpm: | 10000 RPM |
| dynamic load capacity: | 29100 N |
| series: | 62 |
| static load capacity: | 17800 N |
| manufacturer product page: | Click here |
| precision rating: | Class 0 |