



China 6204 Bearing Supplier

High Precision Long Life Deep Groove Ball Bearing Price NTN 6204 ZZ 2RS Bearing



Bearing No. 6204

6204 Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|--------------|
| Size | 20x47x14 mm |
| Bore Diameter | 20 mm |
| Outer Diameter | 47 mm |
| Width | 14 mm |
| d | 20 mm |
| D | 47 mm |
| B | 14 mm |
| C | 14 mm |
| r min. | 1 mm |
| da min. | 25 mm |
| da max | 28 mm |
| Da max. | 42 mm |
| ra max. | 1 mm |
| Weight | 0,106 Kg |
| Basic dynamic load rating (C) | 12,8 kN |
| Basic static load rating (C0) | 6,65 kN |
| (Grease) Lubrication Speed | 16 000 r/min |
| (Oil) Lubrication Speed | 18 000 r/min |
| rs min | 1 mm |
| Radial clearance class | CN |
| Mass | 0.11 kg |
| Dynamic load, C | 12.8 kN |
| Static load, C0 | 6.65 kN |
| Fatigue limit load, Cu | 0.3 kN |
| f0 | 13.2 |



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| Nlim (oil) | 18,000 rpm |
| Nlim (grease) | 16,000 rpm |
| Min operating temperature, Tmin | -20 ° C |
| Max operating temperature, Tmax | 120 ° C |
| Characteristic cage frequency, FTF | 0.38 Hz |
| Characteristic rolling element frequency, BSF | 4.12 Hz |
| Characteristic outer ring frequency, BPF0 | 3.08 Hz |
| Characteristic inner ring frequency, BRF1 | 4.92 Hz |
| da min | 25 mm |
| Da max | 42 mm |
| ra max | 1 mm |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.105 |
| EAN | 4547359004557 |
| 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 |
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|--------------------------|--|
| Long Description | 20MM Bore; 47MM Outside Diameter; 14MM 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.ntnamerica.com |
| Manufacturer Item Number | 6204 |
| Weight / LBS | 0.232 |
| Bore | 0.787 Inch 20 Millimeter |
| Outer Race Width | 0.551 Inch 14 Millimeter |
| Outside Diameter | 1.85 Inch 47 Millimeter |
| bore diameter: | 20 mm |
| finish/coating: | Uncoated |
| outside diameter: | 47 mm |
| bearing material: | High Carbon Chrome Steel |
| overall width: | 14 mm |
| cage material: | Steel |
| bore type: | Round |
| inner ring width: | 14 mm |
| closure type: | Open |
| outer ring width: | 14 mm |
| row type & fill slot: | Single Row Non-Fill Slot |
| maximum rpm (grease): | 16000 rpm |
| snap ring included: | Without Snap Ring |
| maximum rpm (oil): | 18000 rpm |
| internal clearance: | CN |
| | |



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|------------------------------|----------------------------|
| fillet radius: | 1 mm |
| operating temperature range: | -40 to 120 ° C |
| maximum rpm: | 18000 RPM |
| dynamic load capacity: | 12800 N |
| series: | 62 |
| static load capacity: | 6650 N |
| manufacturer product page: | Click here |
| precision rating: | Class 0 |