



Bearing No. 6868

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|---------------|------------------------------|
| B | 38 mm |
| C | 38 mm |
| d | 340 mm |
| D | 420 mm |
| f0 | 16 |
| Noun | Bearing |
| Bore | 13.386 Inch 340 Millimeter |
| Mass | 11.5 kg |
| ra max | 2 mm |
| r min. | 2,1 mm |
| UNSPSC | 31171504 |
| Weight | 11,5 Kg |
| Da max | 409 mm |
| da min | 351 mm |
| rs min | 2.1 mm |
| db min | 351 mm |
| Da max. | 409 mm |
| ra max. | 2 mm |
| Category | Single Row Ball Bearing |
| Snap Ring | No |
| Inventory | 0.0 |
| Size (mm) | 340x420x38 |
| Enclosure | Open |
| Nlim (oil) | 1,500 rpm |
| Width (mm) | 38 |
| Weight / LBS | 25.133 |
| Product Group | B00308 |
| Nlim (grease) | 1,300 rpm |
| Inch - Metric | Metric |
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| Cage Material | Steel |
| Bearing number | 6868 |
| Keyword String | Ball |
| Other Features | Deep Groove |
| Dynamic load, C | 170 kN |
| Rolling Element | Ball Bearing |
| Precision Class | ABEC 1 ISO P0 |
| Static load, C0 | 236 kN |
| Manufacturer URL | http://www.ntnamerica.com |
| Long Description | 340MM Bore; 420MM Outside Diameter; 38MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage |
| Outside Diameter | 16.535 Inch 420 Millimeter |
| Outer Race Width | 1.496 Inch 38 Millimeter |
| Inner Race Width | 0 Inch 0 Millimeter |
| Weight / Kilogram | 11.4 |
| Manufacturer Name | NTN |
| Bore Diameter (mm) | 340 |
| Internal Clearance | C0-Medium |
| Outer Diameter (mm) | 420 |
| Minimum Buy Quantity | N/A |
| Fatigue limit load, Cu | 5.5 kN |
| Harmonized Tariff Code | 8482.10.50.68 |
| Radial clearance class | CN |
| (Oil) Lubrication Speed | 1 500 r/min |
| Internal Special | No |

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|---|-------------|
| Features | |
| (Grease) Lubrication Speed | 1 300 r/min |
| Basic dynamic load rating (C) | 170 kN |
| Basic static load rating (C0) | 236 kN |
| Min operating temperature, Tmin | -20 °C |
| Max operating temperature, Tmax | 120 °C |
| Maximum Capacity / Filling Slot | No |
| Characteristic cage frequency, FTF | 0.47 Hz |
| Characteristic inner ring frequency, BPF1 | 13.82 Hz |
| Characteristic outer ring frequency, BPF0 | 12.18 Hz |
| Characteristic rolling element frequency, BSF | 15.9 Hz |