

51109 NTN static load capacity: 69000 N 45x65x14mm Thrust ball bearings

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| Category | Thrust Ball Bearing |
| BDI Inventory | 6.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.137 |
| EAN | 4547359306040 |
| Product Group – BDI | B00308 |
| Rolling Element | Ball Bearing |
| Thrust Bearing | Yes |
| Single or Double Direction | Single Direction |
| Banded | No |
| Cage Material | Steel |
| Precision Class | ABEC 1 ISO P0 |
| Component Description | Roller Assembly Plus Raceways |
| Other Features | Single Row With Flat Seat |
| Long Description | 45MM Bore 1; 47MM Bore 2; 65MM Outside Diameter; 14MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; ABEC 1 ISO P0 Precision |
| Inch – Metric | Metric |
| Category – BDI | Thrust Ball Bearings |
| UNSPSC | 31171552 |
| Harmonized Tariff Code | 8482.10.50.08 |

| Noun | Bearing |
|-------------------------------------|---|
| Keyword String | Ball Thrust |
| Manufacturer URL | http://www.ntnamerica.com |
| Manufacturer Item Number | 51109 |
| Weight / LBS | 0.32628 |
| Overall Height with Aligning Washer | 0 Inch 0 Millimeter |
| Bore 2 | 1.85 Inch 47 Millimeter |
| Bore 1 | 1.772 Inch 45 Millimeter |
| Outside Diameter | 2.559 Inch 65 Millimeter |
| Height | 0.551 Inch 14 Millimeter |
| Bearing number | 51109 |
| Size (mm) | 45x65x14 |
| Brand | NTN |
| Bore Diameter (mm) | 45 |
| Outer Diameter (mm) | 65 |
| Width (mm) | 14 |
| d | 45 mm |
| D | 65 mm |
| T | 14 mm |
| d1 | 65 mm |
| r min. | 0.6 mm |
| D1 | 47 mm |
| da min. | 57 mm |
| Da max. | 53 mm |
| ra max. | 0.6 mm |
| Weight | 0.148 Kg |
| Basic dynamic load rating (C) | 27.9 kN |

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| Basic static load rating (C0) | 69 kN |
| (Grease) Lubrication Speed | 3 200 r/min |
| bore diameter: | 45 mm |
| dynamic load capacity: | 27900 N |
| outside diameter: | 65 mm |
| operating temperature range: | -40 to 120 °C |
| overall width: | 14 mm |
| maximum rpm: | 4600 rpm |
| thrust bearing type: | Single-Direction |
| bearing material: | High Carbon Chrome Steel |
| outside diameter design: | Straight |
| cage material: | Steel |
| separable or banded: | Separable |
| fillet radius: | 0.6 mm |
| precision rating: | ISO Class 0 |
| series: | 511 |
| static load capacity: | 69000 N |
| manufacturer product page: | Click here |