

51107 NSK hidYobi 51107

35x52x12mm Thrust ball bearings

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|-------------------------------------|---|
| Bearing number | 51107 |
| Size (mm) | 35x52x12 |
| Brand | NSK |
| Bore diameter (mm) | 35 |
| Outer diameter (mm) | 52 |
| Width (mm) | 12 |
| d | 35 mm |
| D | 52 mm |
| T | 12 mm |
| d1 | 52 mm |
| r min. | 0.6 mm |
| d1 | 37 mm |
| da min. | 45 mm |
| da max. | 42 mm |
| ra max. | 0.6 mm |
| Weight | 0.081 Kg |
| Basic dynamic load rating (C) | 22.1 kN |
| Basic static load rating (C0) | 49.5 kN |
| (Grease) Lubrication Speed | 4900 r/min |
| Category | Thrust Ball Bearing |
| BDI Inventory | 0.0 |
| Manufacturer Name | NSK |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.08 |
| EAN | 002917602623 |
| Product Group - BDI | 800308 |
| Rolling Element | Ball Bearing |
| Thrust Bearing | Yes |
| Single or Double Direction | Single Direction |
| Banded | No |
| Cage Material | Steel |
| Precision Class | Non-Precision |
| Component Description | Roller Assembly Plus Raceways |
| Other Features | Single Row With Flat Seat |
| Long Description | 339M Bore 1; 379M Bore 2; 529M Outside Diameter; 129M Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; Non-Precision |
| Inch - Metric | Metric |
| Category - BDI | Thrust Ball Bearings |
| UNSPSC | 31171552 |
| Harmonized Tariff Code | 8482.10.50.00 |
| Non | Bearing |
| Keyword String | Ball Thrust |
| Manufacturer URL | http://www.nskamericas.com |
| Manufacturer Item Number | 51107 |
| Weight / LBS | 0.17657 |
| Bore 1 | 1.378 Inch 35 Millimeter |
| Bore 2 | 1.457 Inch 37 Millimeter |
| Outside Diameter | 2.047 Inch 52 Millimeter |
| Overall Height with Aligning Washer | 0 Inch 0 Millimeter |
| Height | 0.472 Inch 12 Millimeter |
| bore diameter: | 35 mm |
| static load capacity: | 5609 kg |
| outside diameter: | 52 mm |
| dynamic load capacity: | 2259 kg |
| overall width: | 12 mm |
| operating temperature range: | Maximum of +120 °C |
| thrust bearing type: | Single-Direction |
| maximum rpm: | 6000 RPM |
| outside diameter design: | Straight |
| cage material: | Steel |
| separable or banded: | Separable |
| fillet radius: | 0.6 mm |
| face type: | Flat |
| series: | 511 |
| precision rating: | ABEC 1 (ISO Class Normal) |
| SRI | 3.4 |
| NSK prefix | 51107 |
| LangID | 1 |
| D_ | 52 |
| SREX | 0.04 |
| C | 22.1 |
| B_ | 12 |
| CAD | http://service.web3cad.co.jp/pcom/Make-NSK_RB&info=nsk_rb/roller_bearings/thrust_bearings/single_direction_tbb/with_flat_seat_asntab.prj&varset={ORIG=51107} {SD=35} {D=52} {T=12} {SR=0.6} {CAN=22100} {CAN=49500} {C0=2250} {C0=5609} {GR=4900} {D1=52} {D1=37} {SDA=45} {D0=42} {SR0=0.6} {MSS=0.081} |
| hidfile | ecat_N550TB |
| d11 rpm | 6000 |
| SRE | 3.4 |
| MSS | 0.081 |
| GRS rpm | 4900 |
| ra | 0.6 |
| SREX | 0.04 |
| D_a | 42 |
| SREN | 0 |
| C0 | 49.5 |
| SREN | 0 |
| D_1 | 37 |
| Prod_Type3 | TB_SD_MFS |
| da | 45 |
| DA_ | 0.25 |
| Z_ | 20 |

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|--------|------------------------------------|
| yp01 | 51107 |
| SDM | 43.5 |
| r | 0.6 |
| T | 12 |
| KBRG | 5111 |
| calc01 | /bearingGuide/html/calculation.jsp |