21314 NTN 70x150x35mm Long Description 70MM Straight Bore; 150MM Outside Diameter; 35MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Bronze Cage Material; Open Enclosure; Not Relubricatable Spherical roller bearings

| Bearing number | 21314 |
|---------------------|-----------|
| Size (mm) | 70×150×35 |
| Brand | NTN |
| Bore Diameter (mm) | 70 |
| Outer Diameter (mm) | 150 |
| Width (mm) | 35 |
| d | 70 mm |
| D | 150 mm |
| В | 35 mm |
| С | 35 mm |
| r min. | 2.1 mm |
| da min. | 82 mm |
| Da max. | 138 mm |

| ra max. | 2 mm |
|-------------------------------|---------------------------|
| Weight | 3.18 Kg |
| Basic dynamic load rating (C) | 220 kN |
| Basic static load rating (CO) | 262 kN |
| (Grease) Lubrication Speed | 2 900 r/min |
| (Oil) Lubrication Speed | 3 800 r/min |
| Calculation factor (e) | 0.25 |
| Calculation factor (Y0) | 2.63 |
| Calculation factor (Y1) | 2.69 |
| Category | Spherical Roller Bearings |
| BDI Inventory | 0.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 3.17 |
| EAN | 4547359002676 |
| Product Group — BDI | B04311 |
| Internal Clearance | C0-Medium |
| Mounting Method | Shaft Mount |
| Rolling Element | Spherical Roller Bearing |
| Bore Profile | Straight |
| Cage Material | Bronze |
| Enclosure | 0pen |
| Number of Rows of Rollers | Double Row |
| Relubricatable | No |
| Withdrawal Sleeve | Not Applicable |
| Withdrawal Nut | Not Applicable |
| Inch — Metric | Metric |

| Long Description Long Description Long Description Long Description Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Bronze Cage Material; Open Enclosure; Not Relubricatable Spherical Roller Bearing UNSPSC Spherical Roller Bearing Spherical Roller Bearing Spherical Roller Bearing Spherical Roller Bearing Manufacturer URL Marmonized Tariff Code Sa4823080 Noun Bearing Keyword String Manufacturer URL Manufacturer URL Midth 1.378 Inch 35 Millimeter Outside Diameter Sepherical Not Applicable Inch Not Applicable Millimeter Not Applicable Millimeter Bore 2.756 Inch 70 Millimeter Dore diameter: To mm Operating temperature range: outside diameter: 150 mm cage material: Brass overall width: 35 mm bearing material: Through Hardened Steel bore type: Machined outer ring type: Not Split precision rating: Not Rated internal clearance: CN | | |
|---|------------------------|--|
| UNSPSC Harmonized Tariff Code Noun Bearing Keyword String Manufacturer URL Weight / LBS Width Outside Diameter Adapter Part Number Bore Dore diameter: Outside diameter: Outside diameter: Coutside diameter: Cage material: Cage material: Cage material: Cage material: Cage type: Coutside diameter: Cage material: Cage material: Cage material: Cage material: Cage type: | Long Description | Diameter; 35MM Width; CO-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Bronze Cage Material; Open |
| Harmonized Tariff Code Noun Reyword String Manufacturer URL Weight / LBS Width Outside Diameter Adapter Part Number Bore bore diameter: outside diameter: outside diameter: cage material: cage material: bore type: cage type: outside Tariff Code 84823080 Bearing Spherical http://www.ntnamerica.com 6.984 1.378 Inch 35 Millimeter 5.906 Inch 150 Millimeter Not Applicable Inch Not Applicable Millimeter 70 mm -40 to 120 °C 150 mm Through Hardened Steel bore type: Straight cage type: Machined outer ring type: Not Split precision rating: Not Rated | Category — BDI | Spherical Roller Bearing |
| Noun Bearing Keyword String Spherical Manufacturer URL http://www.ntnamerica.com Weight / LBS 6.984 Width 1.378 Inch 35 Millimeter Outside Diameter 5.906 Inch 150 Millimeter Adapter Part Number Not Applicable Inch Not Applicable Millimeter Bore 2.756 Inch 70 Millimeter bore diameter: 70 mm operating temperature range: 150 mm cage material: Brass overall width: 35 mm bearing material: Through Hardened Steel bore type: Straight cage type: Machined outer ring type: Not Split precision rating: Not Rated | UNSPSC | 31171510 |
| Keyword String Manufacturer URL Meight / LBS Width Outside Diameter Adapter Part Number Bore Dore diameter: outside diameter: range: outside diameter: Cage material: Overall width: bore type: cage type: Outside Nitrough Manufacturer URL http://www.ntnamerica.com 6.984 1.378 Inch 35 Millimeter Not Applicable Inch Not Applicable Millimeter Not Applicable Millimeter 70 mm -40 to 120 °C Straight Through Hardened Steel Straight cage type: Machined Outer ring type: Not Split precision rating: Not Rated | Harmonized Tariff Code | 84823080 |
| Manufacturer URL Weight / LBS 6.984 Width 1.378 Inch 35 Millimeter Outside Diameter 5.906 Inch 150 Millimeter Not Applicable Inch Not Applicable Millimeter Bore 2.756 Inch 70 Millimeter bore diameter: 70 mm operating temperature range: outside diameter: 150 mm cage material: Brass overall width: 35 mm bearing material: Through Hardened Steel bore type: Cage type: Machined outer ring type: Not Split precision rating: Not Rated | Noun | Bearing |
| Weight / LBS Width Not Applicable Inch Not Applicable Millimeter Bore Dore diameter: Outside diameter: Cage material: Dore type: Cage type: Outer ring type: Not Rated | Keyword String | Spherical |
| Width 1.378 Inch 35 Millimeter Outside Diameter 5.906 Inch 150 Millimeter Not Applicable Inch Not Applicable Millimeter Bore 2.756 Inch 70 Millimeter bore diameter: 70 mm operating temperature range: outside diameter: 150 mm cage material: Brass overall width: 5.906 Inch 150 Millimeter Not Applicable Millimeter 70 mm -40 to 120 °C Through Hardened Steel bore type: Straight cage type: Machined outer ring type: Not Split precision rating: Not Rated | Manufacturer URL | http://www.ntnamerica.com |
| Outside Diameter Adapter Part Number Bore 2.756 Inch 70 Millimeter bore diameter: operating temperature range: outside diameter: cage material: overall width: bore type: outer ring type: Outside Diameter S.906 Inch 150 Millimeter Not Applicable Millimeter 2.756 Inch 70 Millimeter 70 mm -40 to 120 °C Brass overall side immeter: Through Hardened Steel Straight cage type: Machined outer ring type: Not Split precision rating: Not Rated | Weight / LBS | 6.984 |
| Adapter Part Number Bore Bore 2.756 Inch 70 Millimeter bore diameter: 70 mm operating temperature range: outside diameter: 150 mm cage material: Brass overall width: bearing material: Through Hardened Steel bore type: Straight cage type: Machined outer ring type: Not Split precision rating: Not Rated | Width | 1.378 Inch 35 Millimeter |
| Adapter Part Number Bore Bore 2.756 Inch 70 Millimeter 70 mm operating temperature range: outside diameter: cage material: bearing material: bore type: cage type: Outer ring type: Not Rated | Outside Diameter | 5.906 Inch 150 Millimeter |
| bore diameter: operating temperature range: outside diameter: cage material: bearing material: bore type: cage type: outer ring type: Not Rated | Adapter Part Number | |
| operating temperature range: outside diameter: cage material: overall width: bearing material: bore type: cage type: outer ring type: Not Rated | Bore | 2.756 Inch 70 Millimeter |
| range: outside diameter: cage material: bearing material: bore type: cage type: outer ring type: precision rating: 150 mm Brass Through Hardened Steel Straight Machined Not Split Not Rated | bore diameter: | 70 mm |
| cage material: Overall width: Brass Overall width: Dearing material: Through Hardened Steel Straight cage type: Machined Outer ring type: Not Split precision rating: Not Rated | | -40 to 120 ºC |
| overall width: bearing material: bore type: cage type: Machined outer ring type: precision rating: Not Rated | outside diameter: | 150 mm |
| bearing material: Dore type: Straight Cage type: Machined Outer ring type: Precision rating: Not Rated | cage material: | Brass |
| bore type: cage type: Machined outer ring type: precision rating: Not Rated | overall width: | 35 mm |
| cage type: Machined outer ring type: Not Split precision rating: Not Rated | bearing material: | Through Hardened Steel |
| outer ring type: precision rating: Not Split Not Rated | bore type: | Straight |
| precision rating: Not Rated | cage type: | Machined |
| | outer ring type: | Not Split |
| internal clearance: CN | precision rating: | Not Rated |
| | internal clearance: | CN |

| finish/coating: | Uncoated |
|----------------------------|---------------------------|
| closure type: | 0pen |
| outer ring width: | 35 mm |
| lubrication hole type: | Lubrication Groove & Hole |
| inner ring width: | 35 mm |
| dynamic load capacity: | 220000 N |
| fillet radius: | 2 mm |
| static load capacity: | 262000 N |
| series: | 213 |
| maximum rpm: | 3800 rpm |
| manufacturer product page: | Click here |