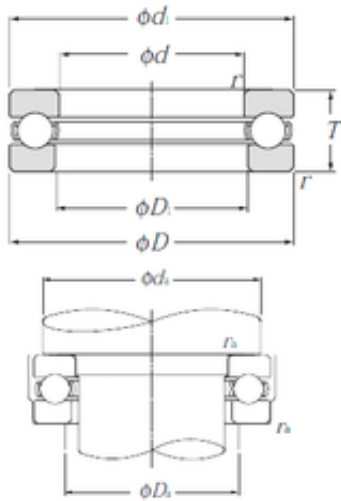




# Wuxi Shenbing Bearing Company Limited



51100 Bearing 2D drawings and 3D CAD models

## NTN 51100 thrust ball bearings

Bearing No. 51100

|                               |                     |
|-------------------------------|---------------------|
| Size                          | 10x24x9 mm          |
| Bore Diameter                 | 10 mm               |
| Outer Diameter                | 24 mm               |
| Width                         | 9 mm                |
| d                             | 10 mm               |
| D                             | 24 mm               |
| T                             | 9 mm                |
| d1                            | 24 mm               |
| r min.                        | 0,3 mm              |
| D1                            | 11 mm               |
| da min.                       | 18 mm               |
| Da max.                       | 16 mm               |
| ra max.                       | 0,3 mm              |
| Weight                        | 0,021 Kg            |
| Basic dynamic load rating (C) | 10 kN               |
| Basic static load rating (C0) | 14 kN               |
| (Grease) Lubrication Speed    | 6 700 r/min         |
| Category                      | Thrust Ball Bearing |
| Inventory                     | 0.0                 |
| Manufacturer Name             | NTN                 |
| Minimum Buy Quantity          | N/A                 |
| Weight / Kilogram             | 0.018               |
| EAN                           | 4547359305807       |
| Product Group                 | B00308              |
| Rolling Element               | Ball Bearing        |
| Thrust Bearing                | Yes                 |



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|                                     |  |
|-------------------------------------|--|
| 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                    | 10MM Bore 1; 11MM Bore 2; 24MM Outside Diameter; 9MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; ABEC 1   ISO P0 Precision |
| Inch - Metric                       | Metric   |
| Category                            | Thrust Ball Bearings   |
| UNSPSC                              | 31171552   |
| Harmonized Tariff Code              | 8482.10.50.08  |
| Noun                                | Bearing  |
| Keyword String                      | Ball Thrust  |
| Manufacturer URL                    | <a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>  |
| Manufacturer Item Number            | 51100  |
| Weight / LBS                        | 0.0463   |
| Outside Diameter                    | 0.945 Inch   24 Millimeter   |
| Overall Height with Aligning Washer | 0 Inch   0 Millimeter  |
| Bore 2                              | 0.433 Inch   11 Millimeter   |
| Height                              | 0.354 Inch   9 Millimeter  |
| Bore 1                              | 0.394 Inch   10 Millimeter   |
| bore diameter:                      | 10 mm  |
| dynamic load capacity:              | 10000 N  |
| outside diameter:                   | 24 mm  |
| operating temperature range:        | -40 to 120 ° C   |
| overall width:                      | 9 mm   |



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|                            |                            |
|----------------------------|----------------------------|
| maximum rpm:               | 9500 rpm                   |
| thrust bearing type:       | Single-Direction           |
| bearing material:          | High Carbon Chrome Steel   |
| outside diameter design:   | Straight                   |
| cage material:             | Resin                      |
| separable or banded:       | Separable                  |
| fillet radius:             | 0.3 mm                     |
| precision rating:          | ISO Class 0                |
| series:                    | 511                        |
| static load capacity:      | 14000 N                    |
| manufacturer product page: | <a href="#">Click here</a> |