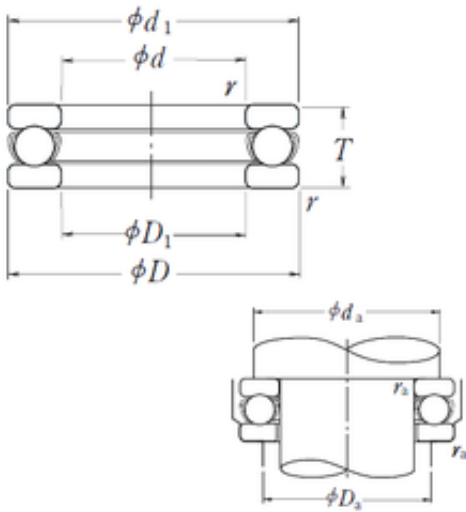




# SNR Bearing Argentina



51310 Bearing 2D drawings and 3D CAD models

## NSK 51310 thrust ball bearings

Bearing No. 51310

|                               |                     |
|-------------------------------|---------------------|
| Size                          | 50x95x31 mm         |
| Bore Diameter                 | 50 mm               |
| Outer Diameter                | 95 mm               |
| Width                         | 31 mm               |
| d                             | 50 mm               |
| D                             | 95 mm               |
| T                             | 31 mm               |
| d1                            | 95 mm               |
| r min.                        | 1,1 mm              |
| D1                            | 52 mm               |
| da min.                       | 77 mm               |
| Da max.                       | 68 mm               |
| ra max.                       | 1 mm                |
| Weight                        | 0,931 Kg            |
| Basic dynamic load rating (C) | 97,5 kN             |
| Basic static load rating (C0) | 202 kN              |
| (Grease) Lubrication Speed    | 1800 r/min          |
| Category                      | Thrust Ball Bearing |
| Inventory                     | 0.0                 |
| Manufacturer Name             | NSK                 |
| Minimum Buy Quantity          | N/A                 |
| Weight / Kilogram             | 1                   |
| Product Group                 | B00308              |
| Rolling Element               | Ball Bearing        |
| Thrust Bearing                | Yes                 |
| Single or Double Direction    | Single Direction    |



## SNR Bearing Argentina

|                                     |   |
|-------------------------------------|---|
| Banded                              | No  |
| Cage Material                       | Steel   |
| Precision Class                     | Non-Precision   |
| Component Description               | Roller Assembly Plus Raceways   |
| Other Features                      | Single Row   With Flat Seat   |
| Long Description                    | 50MM Bore 1; 52MM Bore 2; 95MM Outside Diameter; 31MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; Non-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.nskamericas.com">http://www.nskamericas.com</a>   |
| Manufacturer Item Number            | 51310   |
| Weight / LBS                        | 2.0525  |
| Height                              | 1.22 Inch   31 Millimeter   |
| Bore 1                              | 1.969 Inch   50 Millimeter  |
| Outside Diameter                    | 3.74 Inch   95 Millimeter   |
| Overall Height with Aligning Washer | 0 Inch   0 Millimeter   |
| Bore 2                              | 2.047 Inch   52 Millimeter  |
| bore diameter:                      | 50 mm   |
| static load capacity:               | 45500 lbf   |
| outside diameter:                   | 95 mm   |
| dynamic load capacity:              | 21900 lbf   |
| overall width:                      | 31 mm   |
| operating temperature range:        | Maximum of +120 ° C   |



## SNR Bearing Argentina

|                          |                  |
|--------------------------|------------------|
| thrust bearing type:     | Single-Direction |
| maximum rpm:             | 2800 rpm         |
| outside diameter design: | Straight         |
| cage material:           | Steel Cage       |
| separable or banded:     | Separable        |
| fillet radius:           | 1.1 mm           |
| race type:               | Flat             |
| series:                  | 51300            |
| precision rating:        | ABEC1, P0        |
| SRI                      | 8.57             |
| hidYobi                  | 51310            |
| LangID                   | 1                |
| D_                       | 95               |
| SREX                     | 0.065            |
| C                        | 97.5             |
| B_                       | 31               |
| hidTable                 | ecat_NSSDTB      |
| Oil rpm                  | 2800             |
| SRE                      | 8.57             |
| mass                     | 0.931            |
| GRS rpm                  | 1800             |
| ra                       | 1                |
| SRIX                     | 0.065            |
| D_a                      | 68               |
| SRIN                     | 0                |
| C0                       | 202              |
| SREN                     | 0                |
| D_1                      | 52               |
| Prod_Type3               | TB_SD_WFS        |
| da                       | 77               |
| DA_                      | 15.875           |
| Z_                       | 13               |
|                          |                  |



## SNR Bearing Argentina

|      |       |
|------|-------|
| yobi | 51310 |
| SDM_ | 72.5  |
| r    | 1.1   |
| T_   | 31    |
| KBRG | 5111  |