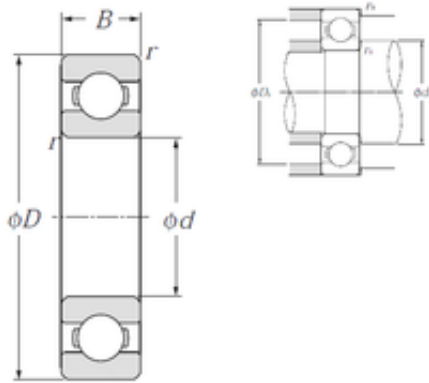




## BEARING DE MEXICO, S.A. DE C.V.

### 10 mm x 35 mm x 11 mm NTN 6300 Sleeve Bearings



Bearing No. 6300

6300 Bearing 2D drawings and 3D CAD models

|                               |              |
|-------------------------------|--------------|
| Size                          | 10x35x11 mm  |
| Bore Diameter                 | 10 mm        |
| Outer Diameter                | 35 mm        |
| Width                         | 11 mm        |
| d                             | 10 mm        |
| D                             | 35 mm        |
| B                             | 11 mm        |
| C                             | 11 mm        |
| r min.                        | 0,6 mm       |
| da min.                       | 14 mm        |
| da max                        | 17 mm        |
| Da max.                       | 31 mm        |
| ra max.                       | 0,6 mm       |
| Weight                        | 0,053 Kg     |
| Basic dynamic load rating (C) | 8,2 kN       |
| Basic static load rating (C0) | 3,5 kN       |
| (Grease) Lubrication Speed    | 23 000 r/min |
| (Oil) Lubrication Speed       | 27 000 r/min |
| rs min                        | 0.6 mm       |
| Radial clearance class        | CN           |
| Mass                          | 0.05 kg      |
| Dynamic load, C               | 8.2 kN       |
| Static load, C0               | 3.5 kN       |
| Fatigue limit load, Cu        | 0.16 kN      |
| f0                            | 11.4         |



## BEARING DE MEXICO, S.A. DE C.V.

|   |                          |
|---|--------------------------|
| Nlim (oil)                                    | 27,000 rpm               |
| Nlim (grease)                                 | 23,000 rpm               |
| Min operating temperature, Tmin               | -20 ° C                  |
| Max operating temperature, Tmax               | 120 ° C                  |
| Characteristic cage frequency, FTF            | 0.35 Hz                  |
| Characteristic rolling element frequency, BSF | 2.94 Hz                  |
| Characteristic outer ring frequency, BPF0     | 2.08 Hz                  |
| Characteristic inner ring frequency, BRF1     | 3.92 Hz                  |
| da min  | 14 mm                    |
| Da max  | 31 mm                    |
| ra max  | 0.6 mm                   |
| Category                                      | Single Row Ball Bearings |
| Inventory                                     | 0.0                      |
| Manufacturer Name                             | NTN                      |
| Minimum Buy Quantity                          | N/A                      |
| Weight / Kilogram                             | 0.053                    |
| EAN   | 4547359005233            |
| Product Group                                 | B00308                   |
| Enclosure                                     | Open                     |
| Precision Class                               | ABEC 1   ISO P0          |
| Maximum Capacity / Filling Slot               | No                       |
| Rolling Element                               | Ball Bearing             |
| Snap Ring                                     | No                       |
| Internal Special Features                     | No                       |
| Cage Material                                 | Steel                    |
| Internal Clearance                            | C0-Medium                |
| Inch - Metric                                 | Metric                   |
|   |                          |



## BEARING DE MEXICO,S.A.DE C.V.

|                          |   |
|--------------------------|---|
| Long Description         | 10MM Bore; 35MM Outside Diameter; 11MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage |
| Other Features           | Deep Groove   |
| Category                 | Single Row Ball Bearing   |
| UNSPSC                   | 31171504  |
| Harmonized Tariff Code   | 8482.10.50.68   |
| Noun                     | Bearing   |
| Keyword String           | Ball  |
| Manufacturer URL         | <a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>   |
| Manufacturer Item Number | 6300  |
| Weight / LBS             | 0.1165  |
| Inner Race Width         | 0 Inch   0 Millimeter   |
| Outside Diameter         | 1.378 Inch   35 Millimeter  |
| Outer Race Width         | 0.433 Inch   11 Millimeter  |
| Bore                     | 0.394 Inch   10 Millimeter  |
| bore diameter:           | 10 mm   |
| precision rating:        | Class 0   |
| outside diameter:        | 35 mm   |
| finish/coating:          | Uncoated  |
| overall width:           | 11 mm   |
| bearing material:        | High Carbon Chrome Steel  |
| bore type:               | Round   |
| cage material:           | Steel   |
| closure type:            | Open  |
| inner ring width:        | 11 mm   |
| row type & fill slot:    | Single Row Non-Fill Slot  |
| outer ring width:        | 11 mm   |



## BEARING DE MEXICO, S.A. DE C.V.

|                              |                            |
|------------------------------|----------------------------|
| snap ring included:          | Without Snap Ring          |
| maximum rpm (grease):        | 23000 rpm                  |
| internal clearance:          | CN                         |
| maximum rpm (oil):           | 27000 rpm                  |
| operating temperature range: | -40 to 120 ° C             |
| fillet radius:               | 0.6 mm                     |
| dynamic load capacity:       | 8200 N                     |
| manufacturer product page:   | <a href="#">Click here</a> |
| static load capacity:        | 3500 N                     |