



NTN-SNR BEARING RULMENTI S.R.L.

35 mm x 72 mm x 17 mm NTN 7207B Single row or matched pairs of angular contact ball bearings



7207B Bearing 2D drawings and 3D CAD models

Bearing No. 7207B

| | |
|-------------------------------|-------------|
| Size | 35x72x17 mm |
| Bore Diameter | 35 mm |
| Outer Diameter | 72 mm |
| Width | 17 mm |
| d | 35 mm |
| D | 72 mm |
| B | 17 mm |
| C | 17 mm |
| Angle (°) | 40 ° |
| a | 31 mm |
| r min. | 1,1 mm |
| r1 min. | 0,6 mm |
| da min. | 42 mm |
| db min | 39,5 mm |
| ra max. | 1 mm |
| Weight | 0,287 Kg |
| Basic dynamic load rating (C) | 27,1 kN |
| Basic static load rating (C0) | 18,4 kN |
| (Grease) Lubrication Speed | 9 300 r/min |
| Contact angle | 40 ° |
| rs min | 1.1 mm |
| r1s min | 0.6 mm |
| Mass | 0.29 kg |
| Dynamic load, C | 27.1 kN |



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| | |
|---------------------------------|-------------------------------|
| Static load, C0 | 18.4 kN |
| Fatigue limit load, Cu | 0.84 kN |
| Nlim (oil) | 12,000 rpm |
| Nlim (grease) | 9,300 rpm |
| Min operating temperature, Tmin | -40 ° C |
| Max operating temperature, Tmax | 120 ° C |
| da min | 42 mm |
| Da max | 65 mm |
| Db max | 67.5 mm |
| r1a max | 0.6 mm |
| ra max | 1 mm |
| Category | Angular Contact Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.289 |
| EAN | 4547359439892 |
| Product Group | B00308 |
| Enclosure | Open |
| Flush Ground | No |
| Rolling Element | Ball Bearing |
| Number of Rows of Balls | Single Row |
| Precision Class | ABEC 1 ISO P0 |
| Maximum Capacity / Filling Slot | No |
| Snap Ring | No |
| Cage Material | Steel |
| Contact Angle | 40 Degree |
| Internal Clearance | C0-Medium |
| Number of Bearings | 1 (Single) |
| | |



NTN-SNR BEARING RULMENTI S.R.L.

| Inch - Metric | Metric |
|------------------------------|--|
| Long Description | 35MM Bore; 72MM Outside Diameter; 17MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring |
| Category | Angular Contact Ball Bearing |
| UNSPSC | 31171531 |
| Harmonized Tariff Code | 8482.10.50.28 |
| Noun | Bearing |
| Keyword String | Angular Contact |
| Manufacturer URL | http://www.ntnamerica.com |
| Manufacturer Item Number | 7207B |
| Weight / LBS | 0.639 |
| Bore | 1.378 Inch 35 Millimeter |
| Width | 0.669 Inch 17 Millimeter |
| Outside Diameter | 2.835 Inch 72 Millimeter |
| bore diameter: | 35 mm |
| radial static load capacity: | 18400 N |
| outside diameter: | 72 mm |
| operating temperature range: | -40 to 120 ° C |
| overall width: | 17 mm |
| cage material: | Steel |
| contact angle: | 40 ° |
| outer ring width: | 17 mm |
| row type & fill slot: | Single-Row Non-Fill Slot |
| maximum rpm: | 12000 rpm |
| internal clearance: | C0 |
| finish/coating: | Uncoated |
| bore type: | Round |



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| | |
|-------------------------------|----------------------------|
| precision rating: | ISO Class 0 |
| closure type: | Open |
| fillet radius: | 1.1 mm |
| snap ring included: | Without Snap Ring |
| series: | 72B |
| bearing material: | High Carbon Chrome Steel |
| weight: | 0.289 kg |
| radial dynamic load capacity: | 27100 N |
| manufacturer product page: | Click here |