



NTN BEARING CORP.OF

100 mm x 215 mm x 47 mm NTN 7320B Angular Contact Ball Bearings



Bearing No. 7320B

Size	100x215x47 mm
Bore Diameter	100 mm
Outer Diameter	215 mm
Width	47 mm
d	100 mm
D	215 mm
B	47 mm
C	47 mm
Angle (°)	40 °
a	89,5 mm
r min.	3 mm
r1 min.	1,1 mm
da min.	114 mm
db min	107 mm
ra max.	2,5 mm
Weight	7,32 Kg
Basic dynamic load rating (C)	190 kN
Basic static load rating (C0)	178 kN
(Grease) Lubrication Speed	3 000 r/min
Contact angle	40 °
rs min	3 mm
r1s min	1.1 mm
Mass	7.32 kg
Dynamic load, C	190 kN
Static load, C0	178 kN

7320B Bearing 2D drawings and 3D CAD models



NTN BEARING CORP.OF

Fatigue limit load, Cu	6.4 kN
Nlim (oil)	4,000 rpm
Nlim (grease)	3,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	4.17 Hz
Characteristic outer ring frequency, BPF0	4.93 Hz
Characteristic inner ring frequency, BRFI	7.07 Hz
da min	114 mm
Da max	201 mm
Db max	208 mm
r1a max	1 mm
ra max	2.5 mm
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	7.34
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



NTN BEARING CORP.OF

Cage Material	Steel
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	100MM Bore; 215MM Outside Diameter; 47MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Steel Cage; 40 Degree; 1 (Single)
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
Outside Diameter	8.465 Inch 215 Millimeter
Width	1.85 Inch 47 Millimeter
Bore	3.937 Inch 100 Millimeter