



## Bearing No. 7320B

D	215 mm
d	100 mm
B	47 mm
C	47 mm
a	89,5 mm
Bore	3.937 Inch   100 Millimeter
Noun	Bearing
Mass	7.32 kg
Width	1.85 Inch   47 Millimeter
Weight	7,32 Kg
da min	114 mm
ra max	2.5 mm
rs min	3 mm
Db max	208 mm
UNSPSC	31171531
Da max	201 mm
db min	107 mm
r min.	3 mm
ra max.	2,5 mm
da min.	114 mm
r1a max	1 mm
r1 min.	1,1 mm
r1s min	1.1 mm
Category	Angular Contact Ball Bearing
Size (mm)	100x215x47
Inventory	0.0
Enclosure	Open
Snap Ring	No
Nlim (oil)	4,000 rpm

Width (mm)	47
Flush Ground	No
Nlim (grease)	3,000 rpm
Product Group	B00308
Cage Material	Steel
Contact Angle	40 Degree
Inch - Metric	Metric
Keyword String	Angular Contact
Bearing number	7320B
Dynamic load, C	190 kN
Static load, C0	178 kN
Angle (?)	40 °
Precision Class	ABEC 1   ISO P0
Rolling Element	Ball Bearing
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)
Contact angle ?	40 °
Outside Diameter	8.465 Inch   215 Millimeter
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Name	NTN
Weight / Kilogram	7.34
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Bore Diameter (mm)	100
Outer Diameter (mm)	215
Minimum Buy Quantity	N/A

Harmonized Tariff Code	8482.10.50.28
Fatigue limit load, Cu	6.4 kN
Number of Rows of Balls	Single Row
(Grease) Lubrication Speed	3 000 r/min
Basic static load rating (C0)	178 kN
Basic dynamic load rating (C)	190 kN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.41 Hz
Characteristic inner ring frequency, BPF1	7.07 Hz
Characteristic outer ring frequency, BPF0	4.93 Hz
Characteristic rolling element frequency, BSF	4.17 Hz