



## Bearing No. 7320BG

B	47,000 mm
a	89.5 mm
C	47,000 mm
d	100,000 mm
D	215,000 mm
Noun	Bearing
Mass	7.32 kg
Bore	3.937 Inch   100 Millimeter
Width	1.85 Inch   47 Millimeter
ra max	2.5 mm
Db max	208 mm
Da max	201 mm
db min	107 mm
da min	114 mm
UNSPSC	31171531
rs min	3 mm
series:	73B
r1s min	1.1 mm
weight:	7.340 kg
r1a max	1 mm
Category	Angular Contact Ball Bearing
Enclosure	Open
Inventory	0.0
Snap Ring	No
Size (mm)	100x215x47
bore type:	Round
Width (mm)	47,000
Nlim (oil)	4,000 rpm
Flush Ground	Yes

maximum rpm:	4000 rpm
Weight / LBS	16.221
Cage Material	Steel
Inch - Metric	Metric
Nlim (grease)	3,000 rpm
Product Group	B00308
closure type:	Open
Contact Angle	40 Degree
Bearing number	7320BG
Keyword String	Angular Contact
bore diameter:	100 mm
cage material:	Steel
contact angle:	40 °
fillet radius:	3 mm
overall width:	47 mm
finish/coating:	Uncoated
Precision Class	ABEC 1   ISO P0
Static load, C0	178 kN
Dynamic load, C	190 kN
Rolling Element	Ball Bearing
Contact angle ?	40 °
Long Description	100MM Bore; 215MM Outside Diameter; 47MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1   ISO P0; No Filling Slot; No Snap Ring
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Outside Diameter	8.465 Inch   215 Millimeter
outer ring width:	47 mm
precision rating:	ISO Class 0

Weight / Kilogram	7.36
outside diameter:	215 mm
bearing material:	High Carbon Chrome Steel
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	100,000
Number of Bearings	1 (Single)
Outer Diameter (mm)	215,000
snap ring included:	Without Snap Ring
internal clearance:	C0
Minimum Buy Quantity	N/A
Mounting Arrangement	Universal
row type & fill slot:	Single-Row Non-Fill Slot
Harmonized Tariff Code	8482.10.50.28
Radial clearance class	CN
Fatigue limit load, Cu	6.4 kN
Number of Rows of Balls	Single Row
Manufacturer Item Number	7320BG
manufacturer product page:	<a href="#">Click here</a>
operating temperature range:	-40 to 120 °C
radial static load capacity:	178000 N
radial dynamic load capacity:	190000 N
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage	0.41 Hz

frequency, FTF	
Characteristic outer ring frequency, BPF0	4.93 Hz
Characteristic inner ring frequency, BPF1	7.07 Hz
Characteristic rolling element frequency, BSF	4.17 Hz