



Bearing No. 7321BG

C	49,000 mm
a	93.5 mm
d	105,000 mm
D	225,000 mm
B	49,000 mm
Noun	Bearing
Mass	8.36 kg
Bore	4.134 Inch 105 Millimeter
Width	1.929 Inch 49 Millimeter
ra max	2.5 mm
rs min	3 mm
Db max	218 mm
Da max	211 mm
UNSPSC	31171531
db min	112 mm
da min	119 mm
r1a max	1 mm
weight:	8.080 kg
r1s min	1.1 mm
Category	Angular Contact Ball Bearing
Inventory	0.0
Size (mm)	105x225x49
Enclosure	Open
Snap Ring	No
Nlim (oil)	3,800 rpm
bore type:	Round
Width (mm)	49,000
Weight / LBS	17.857

Flush Ground	Yes
maximum rpm:	3800 rpm
Nlim (grease)	2,900 rpm
Inch - Metric	Metric
closure type:	Open
Contact Angle	40 Degree
Product Group	B00308
Cage Material	Steel
Bearing number	7321BG
Keyword String	Angular Contact
overall width:	49 mm
cage material:	Steel
contact angle:	40 °
fillet radius:	3 mm
bore diameter:	105 mm
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Dynamic load, C	202 kN
Static load, C0	194 kN
Contact angle ?	40 °
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	8.858 Inch 225 Millimeter
Long Description	105MM Bore; 225MM Outside Diameter; 49MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring
outside diameter:	225 mm
precision rating:	ISO Class 0

bearing material:	High Carbon Chrome Steel
Manufacturer Name	NTN
Weight / Kilogram	8.11
Bore Diameter (mm)	105,000
Number of Bearings	1 (Single)
Internal Clearance	C0-Medium
Outer Diameter (mm)	225,000
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
Mounting Arrangement	Universal
row type & fill slot:	Single-Row Non-Fill Slot
Fatigue limit load, Cu	6.9 kN
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Single Row
Manufacturer Item Number	7321BG
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
radial static load capacity:	194000 N
radial dynamic load capacity:	202000 N
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 outer ring frequency, BPF0	4.94 Hz

Characteristic inner ring frequency, BPFI	7.06 Hz
Characteristic rolling element frequency, BSF	4.19 Hz