



## BEARING PRECISION AXLE CORP.



7322BG Bearing 2D drawings and 3D CAD models

110,000 mm x 240,000 mm x 50,000 mm NTN  
7322BG Angular contact ball bearings

Bearing No. 7322BG

Size	110x240x50 mm
Bore Diameter	110,000 mm
Outer Diameter	240,000 mm
Width	50,000 mm
d	110,000 mm
D	240,000 mm
B	50,000 mm
C	50,000 mm
a	99 mm
Contact angle	40 °
rs min	3 mm
r1s min	1.1 mm
Radial clearance class	CN
Mass	9.8 kg
Dynamic load, C	226 kN
Static load, C0	226 kN
Fatigue limit load, Cu	7.7 kN
Nlim (oil)	3,700 rpm
Nlim (grease)	2,700 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	4.14 Hz



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Characteristic outer ring frequency, BPF0	4.92 Hz
Characteristic inner ring frequency, BPF1	7.08 Hz
da min	124 mm
db min	117 mm
Da max	226 mm
Db max	233 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	9.98
EAN	4547359453751
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
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)
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	110MM Bore; 240MM Outside Diameter; 50MM



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	Width; Open; Yes 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	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	7322BG
Weight / LBS	21.99
Width	1.969 Inch   50 Millimeter
Outside Diameter	9.449 Inch   240 Millimeter
Bore	4.331 Inch   110 Millimeter
bore diameter:	110 mm
radial static load capacity:	226000 N
outside diameter:	240 mm
operating temperature range:	-40 to 120 ° C
overall width:	50 mm
cage material:	Steel
contact angle:	40 °
outer ring width:	50 mm
row type & fill slot:	Single-Row Non-Fill Slot
maximum rpm:	3700 rpm
internal clearance:	C0
finish/coating:	Uncoated
bore type:	Round
precision rating:	ISO Class 0
closure type:	Open



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fillet radius:	3 mm
snap ring included:	Without Snap Ring
series:	73B
bearing material:	High Carbon Chrome Steel
weight:	9.950 kg
radial dynamic load capacity:	226000 N
manufacturer product page:	<a href="#">Click here</a>