



# Toyana BEARING CORP.OF AMERICA

## NTN 7312BL1G BALL BEARING, JAPAN, NEW

Bearing No. 7312BL1G

d	60 mm
D	130 mm
B	31 mm
a	56 mm
Contact angle	40 °
rs min	2.1 mm
r1s min	1.1 mm
Radial clearance class	CN
Mass	1.97 kg
Dynamic load, C	84.9 kN
Static load, C0	60.4 kN
Fatigue limit load, Cu	2.75 kN
Nlim (oil)	6,800 rpm
Nlim (grease)	5,100 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	4.19 Hz
Characteristic outer ring frequency, BPF0	4.53 Hz
Characteristic inner ring frequency, BRFI	6.47 Hz
da min	72 mm

7312BL1G Bearing 2D drawings and 3D CAD models



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db min	67 mm
Da max	118 mm
Db max	123 mm
r1a max	1 mm
ra max	2 mm
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.98
EAN	4547359451399
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	Brass
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	60MM Bore; 130MM Outside Diameter; 31MM 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



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	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	7312BL1G
Weight / LBS	4.358
Bore	2.362 Inch   60 Millimeter
Outside Diameter	5.118 Inch   130 Millimeter
Width	1.22 Inch   31 Millimeter
bore diameter:	60 mm
radial static load capacity:	66000 N
outside diameter:	130 mm
operating temperature range:	-40 to 120 ° C
overall width:	31 mm
cage material:	Steel
contact angle:	40 °
outer ring width:	31 mm
row type & fill slot:	Single-Row Non-Fill Slot
maximum rpm:	6800 rpm
internal clearance:	C0
finish/coating:	Uncoated
bore type:	Round
precision rating:	Not Rated
closure type:	Open
fillet radius:	2.1 mm
snap ring included:	Without Snap Ring
series:	73B
bearing material:	High Carbon Chrome Steel
weight:	1.972 kg



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radial dynamic load capacity:	90000 N
manufacturer product page:	<a href="#">Click here</a>