



# AD Bearing Machine Co., Ltd

## NTN 7212b1g Angular Contact Ball Bearings 7208 7209 7210 7213 7214 B1g

Bearing No. 7212b1g

d	60 mm
D	110 mm
B	22 mm
d1	78.6 mm
d2	78.6 mm
D1	94.4 mm
D2	103.2 mm
a	47.3 mm
Contact angle	40 °
rs min	1.5 mm
r1s min	1 mm
Mass	0.9 kg
Dynamic load, C	53.5 kN
Static load, C0	41.5 kN
Nlim (oil)	7,600 rpm
Nlim (grease)	5,700 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	5.35 Hz
Characteristic outer ring frequency, BPF0	6.02 Hz
Characteristic inner ring	7.98 Hz

7212b1g Bearing 2D drawings and 3D CAD models



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frequency, BPFI	
da min	68.5 mm
Da max	101.5 mm
Db max	104.5 mm
r1a max	1 mm
ra max	1.5 mm
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.896
EAN	4547359443196
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; 110MM Outside Diameter; 22MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1   ISO P0; No Filling Slot; No Snap Ring



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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	7212BL1G
Weight / LBS	1.978
Width	0.866 Inch   22 Millimeter
Bore	2.362 Inch   60 Millimeter
Outside Diameter	4.331 Inch   110 Millimeter
bore diameter:	60 mm
radial static load capacity:	44500 N
outside diameter:	110 mm
operating temperature range:	-40 to 120 ° C
overall width:	22 mm
cage material:	Brass
contact angle:	40 °
outer ring width:	22 mm
row type & fill slot:	Single-Row Non-Fill Slot
maximum rpm:	7600 rpm
internal clearance:	C0
finish/coating:	Uncoated
bore type:	Round
precision rating:	ISO Class 0
closure type:	Open
fillet radius:	1.5 mm
snap ring included:	Without Snap Ring
series:	72B
bearing material:	High Carbon Chrome Steel



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weight:	0.895 kg
radial dynamic load capacity:	56000 N
manufacturer product page:	<a href="#">Click here</a>