



# NTN-CPC Australia Pty Ltd

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

Bearing No. 7212b1g

7212b1g Bearing 2D drawings and 3D CAD models

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



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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>