



Double BALL BEARINGS CO, LTD



7208BG Bearing 2D drawings and 3D CAD models

40,000 mm x 80,000 mm x 18,000 mm NTN
7208BG angular contact ball bearings

Bearing No. 7208BG

Size	40x80x18 mm
Bore Diameter	40,000 mm
Outer Diameter	80,000 mm
Width	18,000 mm
d	40,000 mm
D	80,000 mm
B	18,000 mm
C	18,000 mm
a	34 mm
Contact angle	40 °
rs min	1.1 mm
r1s min	0.6 mm
Radial clearance class	CN
Mass	0.38 kg
Dynamic load, C	32 kN
Static load, C0	23 kN
Fatigue limit load, Cu	1.05 kN
Nlim (oil)	11,000 rpm
Nlim (grease)	8,300 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	47 mm
db min	44.5 mm
Da max	73 mm



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Db max	75.5 mm
r1a max	0.6 mm
ra max	1 mm
Category	Angular Contact Ball Bearings
Inventory	8.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.377
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	40MM Bore; 80MM Outside Diameter; 18MM 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



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Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	7208BG
Weight / LBS	0.833
Width	0.709 Inch 18 Millimeter
Bore	1.575 Inch 40 Millimeter
Outside Diameter	3.15 Inch 80 Millimeter
bore diameter:	40 mm
radial static load capacity:	23000 N
outside diameter:	80 mm
operating temperature range:	-40 to 120 ° C
overall width:	18 mm
cage material:	Steel
contact angle:	40 °
outer ring width:	18 mm
row type & fill slot:	Single-Row Non-Fill Slot
maximum rpm:	11000 rpm
internal clearance:	C0
finish/coating:	Uncoated
bore type:	Round
precision rating:	ISO Class 0
closure type:	Open
fillet radius:	1.1 mm
snap ring included:	Without Snap Ring
series:	72B
bearing material:	High Carbon Chrome Steel
weight:	0.377 kg
radial dynamic load capacity:	32000 N
manufacturer product page:	Click here



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