



## Double BALL BEARINGS CO, LTD

35 mm x 72 mm x 17 mm NTN 7207B angular contact ball bearings



7207B Bearing 2D drawings and 3D CAD models

Bearing No. 7207B

Size	35x72x17 mm
Bore Diameter	35 mm
Outer Diameter	72 mm
Width	17 mm
d	35 mm
D	72 mm
B	17 mm
C	17 mm
Angle ( ° )	40 °
a	31 mm
r min.	1,1 mm
r1 min.	0,6 mm
da min.	42 mm
db min	39,5 mm
ra max.	1 mm
Weight	0,287 Kg
Basic dynamic load rating (C)	27,1 kN
Basic static load rating (C0)	18,4 kN
(Grease) Lubrication Speed	9 300 r/min
Contact angle	40 °
rs min	1.1 mm
r1s min	0.6 mm
Mass	0.29 kg
Dynamic load, C	27.1 kN
Static load, C0	18.4 kN



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Fatigue limit load, Cu	0.84 kN
Nlim (oil)	12,000 rpm
Nlim (grease)	9,300 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	42 mm
Da max	65 mm
Db max	67.5 mm
r1a max	0.6 mm
ra max	1 mm
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.289
EAN	4547359439892
Product Group	B00308
Enclosure	Open
Flush Ground	No
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)
Inch - Metric	Metric



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Long Description	35MM Bore; 72MM Outside Diameter; 17MM Width; Open; No 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	7207B
Weight / LBS	0.639
Bore	1.378 Inch   35 Millimeter
Width	0.669 Inch   17 Millimeter
Outside Diameter	2.835 Inch   72 Millimeter
bore diameter:	35 mm
radial static load capacity:	18400 N
outside diameter:	72 mm
operating temperature range:	-40 to 120 ° C
overall width:	17 mm
cage material:	Steel
contact angle:	40 °
outer ring width:	17 mm
row type & fill slot:	Single-Row Non-Fill Slot
maximum rpm:	12000 rpm
internal clearance:	C0
finish/coating:	Uncoated
bore type:	Round
precision rating:	ISO Class 0



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closure type:	Open
fillet radius:	1.1 mm
snap ring included:	Without Snap Ring
series:	72B
bearing material:	High Carbon Chrome Steel
weight:	0.289 kg
radial dynamic load capacity:	27100 N
manufacturer product page:	<a href="#">Click here</a>