



Double BALL BEARINGS CO, LTD

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



Bearing No. 7207

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 (°)	25 °
a	24 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	0,281 Kg
Basic dynamic load rating (C)	29,7 kN
Basic static load rating (C0)	20,1 kN
(Grease) Lubrication Speed	11 000 r/min
Contact angle	30 °
rs min	1.1 mm
r1s min	0.6 mm
Mass	0.28 kg
Dynamic load, C	29.7 kN
Static load, C0	20.1 kN

7207 Bearing 2D drawings and 3D CAD models



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Fatigue limit load, Cu	0.91 kN
Nlim (oil)	14,000 rpm
Nlim (grease)	11,000 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	4.66 Hz
Characteristic outer ring frequency, BPF0	5.33 Hz
Characteristic inner ring frequency, BRFI	7.67 Hz
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	0.281
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



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Cage Material	Steel
Contact Angle	30 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
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; C0-Medium; Steel Cage; 30 Degree; 1 (Single)
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	http://www.ntnamerica.com
Bore	1.378 Inch 35 Millimeter
Outside Diameter	2.835 Inch 72 Millimeter
Width	0.669 Inch 17 Millimeter