



BEARING-THAILAND CO.,LTD.

100 mm x 180 mm x 34 mm NTN 7220 angular contact ball bearings



Bearing No. 7220

Size	100x180x34 mm
Bore Diameter	100 mm
Outer Diameter	180 mm
Width	34 mm
d	100 mm
D	180 mm
B	34 mm
C	34 mm
Angle (°)	25 °
a	57,5 mm
r min.	2,1 mm
r1 min.	1,1 mm
da min.	112 mm
db min	107 mm
ra max.	2 mm
Weight	3,2 Kg
Basic dynamic load rating (C)	144 kN
Basic static load rating (C0)	126 kN
(Grease) Lubrication Speed	3 900 r/min
Contact angle	30 °
rs min	2.1 mm
r1s min	1.1 mm
Mass	3.2 kg
Dynamic load, C	144 kN
Static load, C0	126 kN

7220 Bearing 2D drawings and 3D CAD models



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Fatigue limit load, Cu	4.85 kN
Nlim (oil)	5,200 rpm
Nlim (grease)	3,900 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	112 mm
Da max	168 mm
Db max	173 mm
r1a max	1 mm
ra max	2 mm
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	3.305
EAN	4547359446548
Product Group	B04270
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	30 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric



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Long Description	100MM Bore; 180MM Outside Diameter; 34MM 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
Manufacturer Item Number	7220
Bore	3.937 Inch 100 Millimeter
Outside Diameter	7.087 Inch 180 Millimeter
Width	1.339 Inch 34 Millimeter