



NTA PRECISION AXLE CORP.

105 mm x 190 mm x 36 mm NTN 7221 angular contact ball bearings



Bearing No. 7221

Size	105x190x36 mm
Bore Diameter	105 mm
Outer Diameter	190 mm
Width	36 mm
d	105 mm
D	190 mm
B	36 mm
C	36 mm
Angle (°)	25 °
a	60,5 mm
r min.	2,1 mm
r1 min.	1,1 mm
da min.	117 mm
db min	112 mm
ra max.	2 mm
Weight	3,79 Kg
Basic dynamic load rating (C)	157 kN
Basic static load rating (C0)	142 kN
(Grease) Lubrication Speed	3 700 r/min
Contact angle	30 °
rs min	2.1 mm
r1s min	1.1 mm
Mass	3.79 kg
Dynamic load, C	157 kN
Static load, C0	142 kN

7221 Bearing 2D drawings and 3D CAD models



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Fatigue limit load, Cu	5.3 kN
Nlim (oil)	5,000 rpm
Nlim (grease)	3,700 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	117 mm
Da max	178 mm
Db max	183 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	3.874
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
Long Description	105MM Bore; 190MM Outside Diameter; 36MM



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	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	4.134 Inch 105 Millimeter
Width	1.417 Inch 36 Millimeter
Outside Diameter	7.48 Inch 190 Millimeter