



NTN BEARING CORP.



7200BG Bearing 2D drawings and 3D CAD models

10,000 mm x 30,000 mm x 9,000 mm NTN
7200BG angular contact ball bearings

Bearing No. 7200BG

Size	10x30x9 mm
Bore Diameter	10,000 mm
Outer Diameter	30,000 mm
Width	9,000 mm
d	10,000 mm
D	30,000 mm
B	9,000 mm
C	9,000 mm
a	13 mm
Contact angle	40 °
rs min	0.6 mm
r1s min	0.3 mm
Radial clearance class	CN
Mass	0.03 kg
Dynamic load, C	5 kN
Static load, C0	2.52 kN
Fatigue limit load, Cu	0.11 kN
Nlim (oil)	32,000 rpm
Nlim (grease)	24,000 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	4.17 Hz



NTN BEARING CORP.

Characteristic outer ring frequency, BPF0	4.11 Hz
Characteristic inner ring frequency, BPF1	5.89 Hz
da min	14.5 mm
db min	12.5 mm
Da max	25.5 mm
Db max	27.5 mm
r1a max	0.3 mm
ra max	0.6 mm
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.032
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	10MM Bore; 30MM Outside Diameter; 9MM Width; Open; Yes Flush



NTN BEARING CORP.

	Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Steel Cage; 40 Degree; 1 (Single); Un
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	0.394 Inch 10 Millimeter
Width	0.354 Inch 9 Millimeter
Outside Diameter	1.181 Inch 30 Millimeter