



Bearing No. 7200BG

D	30,000 mm
d	10,000 mm
B	9,000 mm
C	9,000 mm
a	13 mm
Bore	0.394 Inch 10 Millimeter
Noun	Bearing
Mass	0.03 kg
Width	0.354 Inch 9 Millimeter
ra max	0.6 mm
da min	14.5 mm
Db max	27.5 mm
Da max	25.5 mm
rs min	0.6 mm
db min	12.5 mm
UNSPSC	31171531
r1a max	0.3 mm
r1s min	0.3 mm
Category	Angular Contact Ball Bearing
Enclosure	Open
Snap Ring	No
Inventory	0.0
Size (mm)	10x30x9
Nlim (oil)	32,000 rpm
Width (mm)	9,000
Flush Ground	Yes
Contact Angle	40 Degree
Nlim (grease)	24,000 rpm
Cage Material	Steel

Product Group	B00308
Inch - Metric	Metric
Keyword String	Angular Contact
Bearing number	7200BG
Static load, C0	2.52 kN
Rolling Element	Ball Bearing
Dynamic load, C	5 kN
Precision Class	ABEC 1 ISO P0
Manufacturer URL	http://www.ntnamerica.com
Contact angle ?	40 °
Long Description	10MM Bore; 30MM Outside Diameter; 9MM Width; Open; Yes Flush 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
Outside Diameter	1.181 Inch 30 Millimeter
Weight / Kilogram	0.032
Manufacturer Name	NTN
Bore Diameter (mm)	10,000
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Outer Diameter (mm)	30,000
Minimum Buy Quantity	N/A
Mounting Arrangement	Universal
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.28
Fatigue limit load, Cu	0.11 kN
Number of Rows of Balls	Single Row
Min operating	-40 °C

temperature, Tmin	
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.41 Hz
Characteristic outer ring frequency, BPF0	4.11 Hz
Characteristic inner ring frequency, BPFI	5.89 Hz
Characteristic rolling element frequency, BSF	4.17 Hz