



Bearing No. 7409B

D	120,000 mm
d	45,000 mm
B	29,000 mm
C	29,000 mm
Bore	1.772 Inch 45 Millimeter
Noun	Bearing
Mass	1.49 kg
Width	1.142 Inch 29 Millimeter
da min	265 mm
UNSPSC	31171531
ra max	1 mm
rs min	2 mm
Db max	114.5 mm
Da max	110 mm
r1s min	1 mm
r1a max	1 mm
Category	Angular Contact Ball Bearing
Size (mm)	45x120x29
Snap Ring	No
Inventory	0.0
Enclosure	Open
Width (mm)	29,000
Flush Ground	No
Product Group	B00308
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Brass
Bearing number	7409B

Keyword String	Angular Contact
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Static load, C0	49.2 kN
Dynamic load, C	74.7 kN
Contact angle ?	40 °
Outside Diameter	4.724 Inch 120 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Long Description	45MM Bore; 120MM Outside Diameter; 29MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Brass Cage; 40 Degree; 1 (Single)
Weight / Kilogram	1.49
Manufacturer Name	NTN
Number of Bearings	1 (Single)
Bore Diameter (mm)	45,000
Internal Clearance	C0-Medium
Outer Diameter (mm)	120,000
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	2.24 kN
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Single Row
Min operating temperature, Tmin	-40 °C
Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	120 °C

Characteristic cage frequency, FTF	0.4 Hz
Characteristic inner ring frequency, BPF1	5.99 Hz
Characteristic outer ring frequency, BPF0	4.01 Hz
Characteristic rolling element frequency, BSF	3.7 Hz