



BEARING PRECISION AXLE CORP.



45,000 mm x 120,000 mm x 29,000 mm NTN
7409 Angular contact ball bearings

Bearing No. 7409

7409 Bearing 2D drawings and 3D CAD models

Size	45x120x29 mm
Bore Diameter	45,000 mm
Outer Diameter	120,000 mm
Width	29,000 mm
d	45,000 mm
D	120,000 mm
B	29,000 mm
C	29,000 mm
Contact angle	30 °
rs min	2 mm
r1s min	1 mm
Mass	1.73 kg
Dynamic load, C	80.7 kN
Static load, C0	53.1 kN
Fatigue limit load, Cu	2.41 kN
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	3.66 Hz
Characteristic outer ring frequency, BPF0	3.88 Hz
Characteristic inner ring frequency, BPF1	6.12 Hz



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da min	265 mm
Da max	110 mm
Db max	114.5 mm
r1a max	1 mm
ra max	1 mm
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.73
Product Group	B00308
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	Brass
Contact Angle	30 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
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; 30 Degree; 1 (Single)
Category	Angular Contact Ball Bearing



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UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	http://www.ntnamerica.com
Bore	1.772 Inch 45 Millimeter
Outside Diameter	4.724 Inch 120 Millimeter
Width	1.142 Inch 29 Millimeter