



Bearing No. 7409BG

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 max	110 mm
da min	265 mm
ra max	1 mm
UNSPSC	31171531
rs min	2 mm
Db max	114.5 mm
r1a max	1 mm
r1s min	1 mm
weight:	1.770 kg
Category	Angular Contact Ball Bearing
Snap Ring	No
Inventory	0.0
Size (mm)	45x120x29
Enclosure	Open
bore type:	Round
Width (mm)	29,000
Weight / LBS	3.912
Flush Ground	Yes
maximum rpm:	6000 rpm
Product Group	B00308

Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Steel
closure type:	Open
Keyword String	Angular Contact
bore diameter:	45 mm
overall width:	29 mm
cage material:	Brass
contact angle:	40 °
fillet radius:	1.5 mm
Bearing number	7409BG
finish/coating:	Uncoated
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 °
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	4.724 Inch 120 Millimeter
Long Description	45MM Bore; 120MM Outside Diameter; 29MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring
outside diameter:	120 mm
precision rating:	ISO Class 0
bearing material:	High Carbon Chrome Steel
Manufacturer Name	NTN
Weight / Kilogram	1.78

Number of Bearings	1 (Single)
Bore Diameter (mm)	45,000
Internal Clearance	C0-Medium
Outer Diameter (mm)	120,000
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
Mounting Arrangement	Universal
row type & fill slot:	Single-Row Non-Fill Slot
Fatigue limit load, Cu	2.24 kN
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Single Row
Manufacturer Item Number	7409BG
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
radial static load capacity:	49400 N
radial dynamic load capacity:	74700 N
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.4 Hz
Characteristic outer ring frequency, BPF0	4.01 Hz
Characteristic inner ring frequency, BPF1	5.99 Hz
Characteristic rolling element frequency, BSF	3.7 Hz

