



Bearing No. 6409NR

f	2.77 mm
d	45,000 mm
D	120,000 mm
B	29,000 mm
C	29,000 mm
f0	12.1
Noun	Bearing
Bore	1.772 Inch 45 Millimeter
Mass	1.53 kg
b min	3.1 mm
a min	3.86 mm
b max	3.4 mm
a max	4.06 mm
da min	54 mm
UNSPSC	31171504
D4 max	129.7 mm
Da max	111 mm
ra max	2 mm
Db min	131.5 mm
r0 max	0.6 mm
rs min	2 mm
Ca min	6.63 mm
D3 max	115.21 mm
Ca max	6.88 mm
rNa max	0.5 mm
rNs min	0.5 mm
Category	Single Row Ball Bearing
Inventory	0.0
Snap Ring	Yes

Size (mm)	45x120x29
Enclosure	Open
Nlim (oil)	7,400 rpm
Width (mm)	29,000
Weight / LBS	3.3642
Nlim (grease)	6,300 rpm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
Keyword String	Ball
Other Features	Deep Groove With Snap Ring
Bearing number	6409NR
Dynamic load, C	77 kN
Static load, C0	45 kN
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Long Description	45MM Bore; 120MM Outside Diameter; 29MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	4.724 Inch 120 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	1.142 Inch 29 Millimeter
Manufacturer Name	NTN
Weight / Kilogram	1.49

Internal Clearance	C0-Medium
Bore Diameter (mm)	45,000
Outer Diameter (mm)	120,000
Snap ring reference	R120
Minimum Buy Quantity	N/A
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	2.05 kN
Radial clearance class	CN
Internal Special Features	No
Maximum Capacity / Filling Slot	No
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.36 Hz
Characteristic inner ring frequency, BPF1	4.47 Hz
Characteristic outer ring frequency, BPF0	2.53 Hz
Characteristic rolling element frequency, BSF	3.33 Hz