



### Bearing No. 6409

D	120 mm
d	45 mm
B	29 mm
C	29 mm
f0	12.1
Mass	1.53 kg
Noun	Bearing
Bore	1.772 Inch   45 Millimeter
Weight	1,53 Kg
UNSPSC	31171504
rs min	2 mm
da min	54 mm
Da max	111 mm
ra max	2 mm
r min.	2 mm
Da max.	111 mm
ra max.	2 mm
da min.	54 mm
Category	Single Row Ball Bearing
Inventory	0.0
Snap Ring	No
Size (mm)	45x120x29
Enclosure	Open
Width (mm)	29
bore type:	Round
Nlim (oil)	7,400 rpm
Weight / LBS	3.381
closure type:	Open
Inch - Metric	Metric

Cage Material	Steel
Nlim (grease)	6,300 rpm
Product Group	B00308
bore diameter:	45 mm
cage material:	Steel
overall width:	29 mm
Keyword String	Ball
fillet radius:	2 mm
Bearing number	6409
Static load, C0	45 kN
Precision Class	ABEC 1   ISO P0
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Dynamic load, C	77 kN
Outside Diameter	4.724 Inch   120 Millimeter
Outer Race Width	1.142 Inch   29 Millimeter
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Long Description	45MM Bore; 120MM Outside Diameter; 29MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
outer ring width:	29 mm
inner ring width:	29 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	120 mm
precision rating:	Class 0
Manufacturer Name	NTN
Weight / Kilogram	1.54

Bore Diameter (mm)	45
maximum rpm (oil):	7400 rpm
Internal Clearance	C0-Medium
internal clearance:	CN
snap ring included:	Without Snap Ring
Outer Diameter (mm)	120
Minimum Buy Quantity	N/A
static load capacity:	45000 N
maximum rpm (grease):	6300 rpm
row type & fill slot:	Single Row Non-Fill Slot
Fatigue limit load, Cu	2.05 kN
dynamic load capacity:	77000 N
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
(Oil) Lubrication Speed	7 400 r/min
Manufacturer Item Number	6409
Internal Special Features	No
(Grease) Lubrication Speed	6 300 r/min
manufacturer product page:	<a href="#">Click here</a>
operating temperature range:	-40 to 120 °C
Basic dynamic load rating (C)	77 kN
Basic static load rating (C0)	45 kN
Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C

Characteristic cage frequency, FTF	0.36 Hz
Characteristic outer ring frequency, BPF0	2.53 Hz
Characteristic inner ring frequency, BPF1	4.47 Hz
Characteristic rolling element frequency, BSF	3.33 Hz