



**Bearing No. 609**

D	24 mm
d	9 mm
B	7 mm
C	7 mm
f0	12.9
Bore	0.354 Inch   9 Millimeter
Mass	0.01 kg
Noun	Bearing
rs min	0.3 mm
Weight	14 Kg
ra max	0.3 mm
da max	13,1 mm
r min.	0,3 mm
UNSPSC	31171504
da min	11 mm
Da max	22 mm
Da max.	22 mm
ra max.	0,3 mm
da min.	11 mm
Category	Single Row Ball Bearing
Inventory	0.0
Size (mm)	9x24x7
Snap Ring	No
Enclosure	Open
Nlim (oil)	36,000 rpm
Width (mm)	7
bore type:	Round
Weight / LBS	0.031
Inch - Metric	Metric
Cage Material	Steel

Nlim (grease)	31,000 rpm
Product Group	B00308
closure type:	Open
Bearing number	609
Keyword String	Ball
overall width:	7 mm
cage material:	Steel
fillet radius:	0.3 mm
bore diameter:	9 mm
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1   ISO P0
Dynamic load, C	3.4 kN
Static load, C0	1.45 kN
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Outer Race Width	0.276 Inch   7 Millimeter
Long Description	9MM Bore; 24MM Outside Diameter; 7MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outside Diameter	0.945 Inch   24 Millimeter
outer ring width:	7 mm
inner ring width:	7 mm
Weight / Kilogram	0.014
precision rating:	Class 0
outside diameter:	24 mm
bearing material:	High Carbon Chrome Steel
Manufacturer Name	NTN

maximum rpm (oil):	36000 rpm
Internal Clearance	C0-Medium
Bore Diameter (mm)	9
snap ring included:	Without Snap Ring
internal clearance:	CN
Outer Diameter (mm)	24
Minimum Buy Quantity	N/A
maximum rpm (grease):	31000 rpm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	1450 N
Fatigue limit load, Cu	0.07 kN
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	3400 N
(Oil) Lubrication Speed	36 000 r/min
Manufacturer Item Number	609
Internal Special Features	No
(Grease) Lubrication Speed	31 000 r/min
manufacturer product page:	<a href="#">Click here</a>
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	1,45 kN
Basic dynamic load rating (C)	3,4 kN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No

