



**Bearing No. 6408**

D	110 mm
d	40 mm
B	27 mm
C	27 mm
f0	12.3
Bore	1.575 Inch   40 Millimeter
Noun	Bearing
Mass	1.23 kg
Da max	101 mm
UNSPSC	31171504
r min.	2 mm
rs min	2 mm
da min	49 mm
Weight	1,23 Kg
ra max	2 mm
Da max.	101 mm
ra max.	2 mm
da min.	49 mm
series:	64
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Enclosure	Open
Size (mm)	40x110x27
Nlim (oil)	8,200 rpm
bore type:	Round
Width (mm)	27
Weight / LBS	2.74
maximum rpm:	8200 RPM

Nlim (grease)	7,000 rpm
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	40 mm
cage material:	Steel
fillet radius:	2 mm
overall width:	27 mm
Bearing number	6408
Dynamic load, C	63.5 kN
Precision Class	ABEC 1   ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Static load, C0	36.5 kN
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Outer Race Width	1.063 Inch   27 Millimeter
Outside Diameter	4.331 Inch   110 Millimeter
Long Description	40MM Bore; 110MM Outside Diameter; 27MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
outer ring width:	27 mm
inner ring width:	27 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	110 mm
Weight / Kilogram	1.241

precision rating:	Class 0
Manufacturer Name	NTN
maximum rpm (oil):	8200 rpm
Internal Clearance	C0-Medium
Bore Diameter (mm)	40
Outer Diameter (mm)	110
internal clearance:	CN
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	7000 rpm
static load capacity:	36500 N
row type & fill slot:	Single Row Non-Fill Slot
Radial clearance class	CN
dynamic load capacity:	63500 N
Fatigue limit load, Cu	1.66 kN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	8 200 r/min
Manufacturer Item Number	6408
Internal Special Features	No
(Grease) Lubrication Speed	7 000 r/min
manufacturer product page:	<a href="#">Click here</a>
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	36,5 kN
Basic dynamic load rating (C)	63,5 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C

Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.36 Hz
Characteristic inner ring frequency, BPFI	4.45 Hz
Characteristic outer ring frequency, BPF0	2.55 Hz
Characteristic rolling element frequency, BSF	3.41 Hz