



# NTNY BEARING LTD

## 40 mm x 80 mm x 18 mm ntn 6208 bearing



Bearing No. 6208

Size	40x80x18 mm
Bore Diameter	40 mm
Outer Diameter	80 mm
Width	18 mm
d	40 mm
D	80 mm
B	18 mm
C	18 mm
r min.	1,1 mm
da min.	46,5 mm
da max	51 mm
Da max.	73,5 mm
ra max.	1 mm
Weight	0,366 Kg
Basic dynamic load rating (C)	29,1 kN
Basic static load rating (C0)	17,8 kN
(Grease) Lubrication Speed	8 700 r/min
(Oil) Lubrication Speed	10 000 r/min
rs min	1.1 mm
Radial clearance class	CN
Mass	0.37 kg
Dynamic load, C	29.1 kN
Static load, C0	17.8 kN
Fatigue limit load, Cu	0.81 kN
f0	14
Nlim (oil)	10,000 rpm

6208 Bearing 2D drawings and 3D CAD models



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Nlim (grease)	8,700 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.84 Hz
Characteristic outer ring frequency, BPF0	3.61 Hz
Characteristic inner ring frequency, BPF1	5.39 Hz
da min	46.5 mm
Da max	73.5 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.365
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	40MM Bore; 80MM Outside Diameter; 18MM Outer Race Diameter;



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	Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	6208
Weight / LBS	0.807
Outer Race Width	0.709 Inch   18 Millimeter
Bore	1.575 Inch   40 Millimeter
Outside Diameter	3.15 Inch   80 Millimeter
bore diameter:	40 mm
finish/coating:	Uncoated
outside diameter:	80 mm
bearing material:	High Carbon Chrome Steel
overall width:	18 mm
cage material:	Steel
bore type:	Round
inner ring width:	18 mm
closure type:	Open
outer ring width:	18 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	8700 rpm
snap ring included:	Without Snap Ring
maximum rpm (oil):	10000 rpm
internal clearance:	CN
fillet radius:	1 mm
operating temperature range:	-40 to 120 ° C



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maximum rpm:	10000 RPM
dynamic load capacity:	29100 N
series:	62
static load capacity:	17800 N
manufacturer product page:	<a href="#">Click here</a>
precision rating:	Class 0