



Bearing No. 6208

D	80 mm
d	40 mm
B	18 mm
C	18 mm
f0	14
Bore	1.575 Inch 40 Millimeter
Noun	Bearing
Mass	0.37 kg
Da max	73.5 mm
UNSPSC	31171504
r min.	1,1 mm
rs min	1.1 mm
da max	51 mm
da min	46.5 mm
Weight	0,366 Kg
ra max	1 mm
Da max.	73,5 mm
ra max.	1 mm
da min.	46,5 mm
series:	62
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Enclosure	Open
Size (mm)	40x80x18
Nlim (oil)	10,000 rpm
bore type:	Round
Width (mm)	18
Weight / LBS	0.807

maximum rpm:	10000 RPM
Nlim (grease)	8,700 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:	1 mm
overall width:	18 mm
Bearing number	6208
Dynamic load, C	29.1 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Static load, C0	17.8 kN
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	3.15 Inch 80 Millimeter
Long Description	40MM Bore; 80MM Outside Diameter; 18MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	0.709 Inch 18 Millimeter
outer ring width:	18 mm
inner ring width:	18 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	80 mm

Weight / Kilogram	0.365
precision rating:	Class 0
Manufacturer Name	NTN
maximum rpm (oil):	10000 rpm
Internal Clearance	C0-Medium
Bore Diameter (mm)	40
Outer Diameter (mm)	80
internal clearance:	CN
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	8700 rpm
static load capacity:	17800 N
row type & fill slot:	Single Row Non-Fill Slot
Radial clearance class	CN
dynamic load capacity:	29100 N
Fatigue limit load, Cu	0.81 kN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	10 000 r/min
Manufacturer Item Number	6208
Internal Special Features	No
(Grease) Lubrication Speed	8 700 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	17,8 kN
Basic dynamic load rating (C)	29,1 kN
Max operating temperature, Tmax	120 °C
Min operating	-20 °C

temperature, Tmin	
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.4 Hz
Characteristic inner ring frequency, BPFI	5.39 Hz
Characteristic outer ring frequency, BPF0	3.61 Hz
Characteristic rolling element frequency, BSF	4.84 Hz