



Bearing No. 6208ZC3

D	80 mm
d	40 mm
B	18 mm
f0	14
Mass	0.37 kg
Bore	1.575 Inch 40 Millimeter
Noun	Bearing
ra max	1 mm
UNSPSC	31171504
Da max	73.5 mm
da min	46.5 mm
rs min	1.1 mm
series:	62
Category	Single Row Ball Bearing
Inventory	1.0
Size (mm)	40x80x18
Snap Ring	No
Enclosure	1 Metal Shield
Nlim (oil)	10,000 rpm
Width (mm)	18
bore type:	Round
Weight / LBS	0.807
maximum rpm:	10000 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
Nlim (grease)	8,700 rpm
closure type:	Single Shield
Keyword String	Ball

bore diameter:	40 mm
overall width:	18 mm
cage material:	Steel
fillet radius:	1.1 mm
Bearing number	6208ZC3
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Dynamic load, C	29.1 kN
Static load, C0	17.8 kN
finish/coating:	Uncoated
Outside Diameter	3.15 Inch 80 Millimeter
Long Description	40MM Bore; 80MM Outside Diameter; 18MM Outer Race Diameter; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	0.709 Inch 18 Millimeter
Manufacturer URL	http://www.ntnamerica.com
outer ring width:	18 mm
inner ring width:	18 mm
outside diameter:	80 mm
bearing material:	High Carbon Chrome Steel
precision rating:	ISO Class 0
Manufacturer Name	NTN
Weight / Kilogram	0.37
Internal Clearance	C3-Loose
maximum rpm (oil):	10000 rpm
Bore Diameter (mm)	40
Outer Diameter (mm)	80

internal clearance:	C3
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
static load capacity:	17800 N
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	8700 rpm
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	29100 N
Radial clearance class	C3
Fatigue limit load, Cu	0.81 kN
Manufacturer Item Number	6208ZC3
Internal Special Features	No
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Min operating temperature, Tmin	-60 °C
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