



Bearing No. 6222Z

D	200,000 mm
d	110,000 mm
B	38,000 mm
C	38,000 mm
f0	14.3
Noun	Bearing
Bore	4.331 Inch 110 Millimeter
Mass	4.36 kg
rs min	2.1 mm
da min	121 mm
UNSPSC	31171504
ra max	2 mm
Da max	189 mm
Category	Single Row Ball Bearing
Enclosure	1 Metal Shield
Inventory	0.0
Snap Ring	No
Size (mm)	110x200x38
Nlim (oil)	3,800 rpm
bore type:	Round
Width (mm)	38,000
Weight / LBS	8.5098
Inch - Metric	Metric
Cage Material	Steel
Nlim (grease)	3,200 rpm
Product Group	B00308
closure type:	Single Shield
cage material:	Steel
Other Features	Deep Groove

Keyword String	Ball
bore diameter:	110 mm
Bearing number	6222Z
overall width:	38 mm
fillet radius:	2.1 mm
Rolling Element	Ball Bearing
Dynamic load, C	144 kN
finish/coating:	Uncoated
Static load, C0	117 kN
Precision Class	ABEC 1 ISO P0
Outside Diameter	7.874 Inch 200 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Long Description	110MM Bore; 200MM Outside Diameter; 38MM Outer Race Width; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Ste
Outer Race Width	1.496 Inch 38 Millimeter
precision rating:	ISO Class 0
outer ring width:	38 mm
outside diameter:	200 mm
inner ring width:	38 mm
Manufacturer Name	NTN
bearing material:	High Carbon Chrome Steel
Weight / Kilogram	4.374
Bore Diameter (mm)	110,000

maximum rpm (oil):	3800 rpm
Internal Clearance	C0-Medium
internal clearance:	CN
Outer Diameter (mm)	200,000
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	3200 rpm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	117000 N
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	4.25 kN
Radial clearance class	CN
dynamic load capacity:	144000 N
Manufacturer Item Number	6222Z
Internal Special Features	No
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic inner ring frequency, BPFI	5.92 Hz
Characteristic outer ring frequency, BPF0	4.08 Hz
Characteristic rolling element frequency, BSF	5.24 Hz