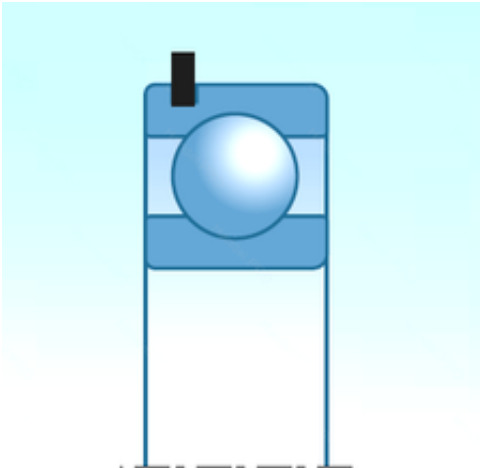




Bearing No. 6212ZNR

D	110,000 mm
d	60,000 mm
B	22,000 mm
C	22,000 mm
f	2.46 mm
f0	14.3
Noun	Bearing
Bore	2.362 Inch 60 Millimeter
Mass	0.78 kg
b min	2.7 mm
b max	3 mm
a min	3.07 mm
a max	3.28 mm
Ca min	5.43 mm
Ca max	5.74 mm
UNSPSC	31171504
Db min	118 mm
Da max	102 mm
D4 max	116.6 mm
r0 max	0.6 mm
da min	68 mm
D3 max	106.81 mm
ra max	1.5 mm
rs min	1.5 mm
rNa max	0.5 mm
rNs min	0.5 mm
Category	Single Row Ball Bearing
Snap Ring	Yes
Inventory	0.0

Enclosure	1 Metal Shield
Size (mm)	60x110x22
Nlim (oil)	7,000 rpm
Width (mm)	22,000
bore type:	Round
Weight / LBS	1.73
Product Group	B00308
Cage Material	Steel
Inch - Metric	Metric
Nlim (grease)	6,000 rpm
closure type:	Single Shield
overall width:	22 mm
Keyword String	Ball
bore diameter:	60 mm
Bearing number	6212ZNR
cage material:	Steel
fillet radius:	1.5 mm
Static load, C0	36 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Dynamic load, C	52.5 kN
Long Description	60MM Bore; 110MM Outside Diameter; 22MM Outer Race Diameter; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features
Outside Diameter	4.331 Inch 110 Millimeter
Outer Race Width	0.866 Inch 22 Millimeter

Manufacturer URL	http://www.ntnamerica.com
Manufacturer Name	NTN
Weight / Kilogram	0.79
bearing material:	High Carbon Chrome Steel
outer ring width:	22 mm
inner ring width:	22 mm
outside diameter:	110 mm
precision rating:	ISO Class 0
maximum rpm (oil):	7000 rpm
Internal Clearance	C0-Medium
Bore Diameter (mm)	60,000
internal clearance:	CN
snap ring included:	With Snap Ring
Snap ring reference	R110
Outer Diameter (mm)	110,000
Minimum Buy Quantity	N/A
static load capacity:	36000 N
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	6000 rpm
dynamic load capacity:	52500 N
Radial clearance class	CN
Fatigue limit load, Cu	1.64 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6212ZNR
Internal Special Features	No
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Min operating	-20 °C

temperature, Tmin	
Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic outer ring frequency, BPF0	4.08 Hz
Characteristic inner ring frequency, BPFI	5.92 Hz
Characteristic rolling element frequency, BSF	5.26 Hz