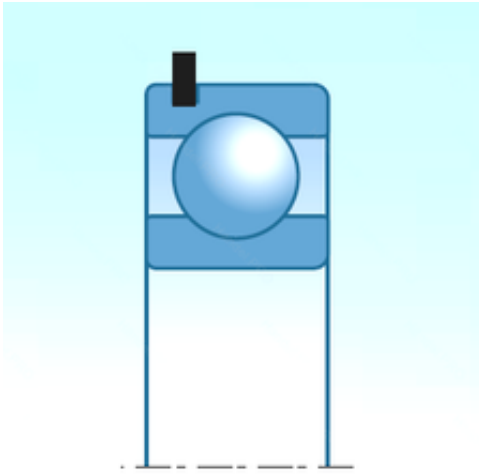




## JAPAN IMPORTED BEARINGS CO., LTD



6212ZNR Bearing 2D drawings and 3D CAD models

60,000 mm x 110,000 mm x 22,000 mm NTN  
6212ZNR deep groove ball bearings

Bearing No. 6212ZNR

Size	60x110x22 mm
Bore Diameter	60,000 mm
Outer Diameter	110,000 mm
Width	22,000 mm
d	60,000 mm
D	110,000 mm
B	22,000 mm
C	22,000 mm
a min	3.07 mm
a max	3.28 mm
Ca min	5.43 mm
Ca max	5.74 mm
rs min	1.5 mm
rNs min	0.5 mm
D3 max	106.81 mm
b min	2.7 mm
b max	3 mm
r0 max	0.6 mm
D4 max	116.6 mm
f	2.46 mm
Snap ring reference	R110
Radial clearance class	CN
Mass	0.78 kg
Dynamic load, C	52.5 kN
Static load, C0	36 kN



## JAPAN IMPORTED BEARINGS CO., LTD

Fatigue limit load, Cu	1.64 kN
f0	14.3
Nlim (oil)	7,000 rpm
Nlim (grease)	6,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.26 Hz
Characteristic outer ring frequency, BPF0	4.08 Hz
Characteristic inner ring frequency, BPF1	5.92 Hz
da min	68 mm
Da max	102 mm
ra max	1.5 mm
rNa max	0.5 mm
Db min	118 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.79
EAN	4547359368833
Product Group	B00308
Enclosure	1 Metal Shield
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	Yes



## JAPAN IMPORTED BEARINGS CO., LTD

Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
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
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	6212ZNR
Weight / LBS	1.73
Outer Race Width	0.866 Inch   22 Millimeter
Bore	2.362 Inch   60 Millimeter
Outside Diameter	4.331 Inch   110 Millimeter
bore diameter:	60 mm
precision rating:	ISO Class 0
outside diameter:	110 mm
finish/coating:	Uncoated
overall width:	22 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Single Shield
inner ring width:	22 mm
row type & fill slot:	Single Row Non-Fill Slot



## JAPAN IMPORTED BEARINGS CO., LTD

outer ring width:	22 mm
snap ring included:	With Snap Ring
maximum rpm (grease):	6000 rpm
internal clearance:	CN
maximum rpm (oil):	7000 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	1.5 mm
dynamic load capacity:	52500 N
manufacturer product page:	<a href="#">Click here</a>
static load capacity:	36000 N