



Bearing No. 6212

D	110 mm
d	60 mm
B	22 mm
C	22 mm
f0	14.3
Mass	0.78 kg
Bore	2.362 Inch 60 Millimeter
Noun	Bearing
Weight	0,783 Kg
rs min	1.5 mm
Da max	102 mm
da min	68 mm
UNSPSC	31171504
r min.	1,5 mm
ra max	1.5 mm
da max	75 mm
Da max.	102 mm
ra max.	1,5 mm
da min.	68 mm
series:	62
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	60x110x22
Snap Ring	No
Nlim (oil)	7,000 rpm
Width (mm)	22
bore type:	Round
Weight / LBS	1.73

maximum rpm:	7000 RPM
Cage Material	Steel
Nlim (grease)	6,000 rpm
closure type:	Open
Product Group	B00308
Inch - Metric	Metric
Bearing number	6212
Other Features	Deep Groove
Keyword String	Ball
bore diameter:	60 mm
overall width:	22 mm
cage material:	Steel
fillet radius:	1.5 mm
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Static load, C0	36 kN
Dynamic load, C	52.5 kN
Manufacturer URL	http://www.ntnamerica.com
Long Description	60MM Bore; 110MM Outside Diameter; 22MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Outer Race Width	0.866 Inch 22 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	4.331 Inch 110 Millimeter
outer ring width:	22 mm

inner ring width:	22 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	110 mm
Weight / Kilogram	0.766
precision rating:	Class 0
Manufacturer Name	NTN
Bore Diameter (mm)	60
Internal Clearance	C0-Medium
maximum rpm (oil):	7000 rpm
snap ring included:	Without Snap Ring
Outer Diameter (mm)	110
internal clearance:	CN
Minimum Buy Quantity	N/A
static load capacity:	36000 N
maximum rpm (grease):	6000 rpm
row type & fill slot:	Single Row Non-Fill Slot
Radial clearance class	CN
dynamic load capacity:	52500 N
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	1.64 kN
(Oil) Lubrication Speed	7 000 r/min
Manufacturer Item Number	6212
Internal Special Features	No
(Grease) Lubrication Speed	6 000 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	36 kN

Basic dynamic load rating (C)	52,5 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
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	5.26 Hz