



Bearing No. 6212NR

b	2,7 mm
d	60 mm
D	110 mm
B	22 mm
C	22 mm
f	2,46 mm
a	3,28 mm
D1	106,81 mm
D2	116,6 mm
Cy	5,4 mm
f0	14.3
rn	0,5 mm
Dx	118 mm
Cz	2,5 mm
Bore	2.362 Inch 60 Millimeter
Noun	Bearing
Mass	0.78 kg
b max	3 mm
b min	2.7 mm
a min	3.07 mm
a max	3.28 mm
UNSPSC	31171504
D4 max	116.6 mm
Db min	118 mm
da min	68 mm
D3 max	106.81 mm
Da max	102 mm
rs min	1.5 mm
Ca max	5.74 mm

Ca min	5.43 mm
r0 max	0.6 mm
ra max	1.5 mm
da max	75 mm
r min.	1,5 mm
Weight	0,783 Kg
series:	62
r0 max.	0,6 mm
da min.	68 mm
rNa max	0.5 mm
Da max.	102 mm
rNs min	0.5 mm
ra max.	1,5 mm
Category	Single Row Ball Bearing
Size (mm)	60x110x22
Inventory	0.0
Enclosure	Open
Snap Ring	Yes
Nlim (oil)	7,000 rpm
bore type:	Round
Width (mm)	22
Weight / LBS	1.718
maximum rpm:	7000 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
closure type:	Open
Nlim (grease)	6,000 rpm
Keyword String	Ball
Bearing number	6212NR
fillet radius:	1.5 mm
cage material:	Steel

overall width:	22 mm
bore diameter:	60 mm
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Dynamic load, C	52.5 kN
Static load, C0	36 kN
Outer Race Width	0.866 Inch 22 Millimeter
Manufacturer URL	http://www.snrbearings.com
Outside Diameter	4.331 Inch 110 Millimeter
Long Description	60MM Bore; 110MM Outside Diameter; 22MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features
bearing material:	High Carbon Chrome Steel
outside diameter:	110 mm
inner ring width:	22 mm
outer ring width:	22 mm
precision rating:	ISO Class 0
Weight / Kilogram	0.784
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	60
maximum rpm (oil):	7000 rpm
internal clearance:	CN
Snap ring reference	R110
snap ring included:	With Snap Ring
Outer Diameter (mm)	110

Minimum Buy Quantity	N/A
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	6000 rpm
static load capacity:	36000 N
dynamic load capacity:	52500 N
Fatigue limit load, Cu	1.64 kN
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	7 000 r/min
Manufacturer Item Number	6212.NR
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
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.41 Hz
Characteristic outer ring frequency, BPF0	4.08 Hz
Characteristic inner ring frequency, BPF1	5.92 Hz
Characteristic rolling	5.26 Hz

element frequency, BSF	
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