



Bearing No. 6211NR

b	2,7 mm
d	55 mm
D	100 mm
B	21 mm
C	21 mm
f	2,46 mm
a	3,28 mm
D1	96,8 mm
D2	106,5 mm
Cy	5,4 mm
f0	14.3
rn	0,5 mm
Dx	108 mm
Cz	2,5 mm
Bore	2.165 Inch 55 Millimeter
Noun	Bearing
Mass	0.6 kg
b max	3 mm
b min	2.7 mm
a min	3.07 mm
a max	3.28 mm
UNSPSC	31171504
D4 max	106.5 mm
Db min	108 mm
da min	63 mm
D3 max	96.8 mm
Da max	92 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	67 mm
r min.	1,5 mm
Weight	0,601 Kg
series:	62
r0 max.	0,6 mm
da min.	63 mm
rNa max	0.5 mm
Da max.	92 mm
rNs min	0.5 mm
ra max.	1,5 mm
Category	Single Row Ball Bearing
Size (mm)	55x100x21
Inventory	0.0
Enclosure	Open
Snap Ring	Yes
Nlim (oil)	7,600 rpm
bore type:	Round
Width (mm)	21
Weight / LBS	1.37
maximum rpm:	7600 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
closure type:	Open
Nlim (grease)	6,400 rpm
Keyword String	Ball
Bearing number	6211NR
fillet radius:	1.5 mm
cage material:	Steel

overall width:	21 mm
bore diameter:	55 mm
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Dynamic load, C	43.5 kN
Static load, C0	29.2 kN
Outside Diameter	3.937 Inch 100 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Outer Race Width	0.827 Inch 21 Millimeter
Long Description	55MM Bore; 100MM Outside Diameter; 21MM 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:	100 mm
inner ring width:	21 mm
outer ring width:	21 mm
precision rating:	ISO Class 0
Weight / Kilogram	0.621
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	55
maximum rpm (oil):	7600 rpm
internal clearance:	CN
Snap ring reference	R100
snap ring included:	With Snap Ring
Outer Diameter (mm)	100

Minimum Buy Quantity	N/A
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	6400 rpm
static load capacity:	29200 N
dynamic load capacity:	43500 N
Fatigue limit load, Cu	1.33 kN
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	7 600 r/min
Manufacturer Item Number	6211NR
Internal Special Features	No
(Grease) Lubrication Speed	6 400 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	29,2 kN
Basic dynamic load rating (C)	43,5 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	5.24 Hz

element frequency, BSF	
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