



Bearing No. 6221NR

b	3,5 mm
d	105 mm
D	190 mm
B	36 mm
C	36 mm
f	3,1 mm
a	5,69 mm
D1	183,64 mm
D2	202,9 mm
Cy	8,4 mm
f0	14.4
rn	0,5 mm
Dx	205 mm
Cz	3,1 mm
Bore	4.134 Inch   105 Millimeter
Noun	Bearing
Mass	3.7 kg
b max	3.8 mm
b min	3.5 mm
a min	5.44 mm
a max	5.69 mm
UNSPSC	31171504
D4 max	202.9 mm
Db min	205 mm
da min	116 mm
D3 max	183.64 mm
Da max	179 mm
rs min	2.1 mm
Ca max	8.79 mm

Ca min	8.54 mm
r0 max	0.6 mm
ra max	2 mm
da max	125 mm
r min.	2,1 mm
Weight	3,7 Kg
series:	62
r0 max.	0,6 mm
da min.	116 mm
rNa max	0.5 mm
Da max.	179 mm
rNs min	0.5 mm
ra max.	2 mm
Category	Single Row Ball Bearing
Size (mm)	105x190x36
Inventory	0.0
Enclosure	Open
Snap Ring	Yes
Nlim (oil)	4,000 rpm
bore type:	Round
Width (mm)	36
Weight / LBS	8.16
maximum rpm:	4000 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
closure type:	Open
Nlim (grease)	3,400 rpm
Keyword String	Ball
Bearing number	6221NR
fillet radius:	2.1 mm
cage material:	Steel

overall width:	36 mm
bore diameter:	105 mm
Precision Class	ABEC 1   ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Dynamic load, C	133 kN
Static load, C0	105 kN
Outside Diameter	7.48 Inch   190 Millimeter
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Outer Race Width	1.417 Inch   36 Millimeter
Long Description	105MM Bore; 190MM Outside Diameter; 36MM 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
inner ring width:	36 mm
outer ring width:	36 mm
outside diameter:	190 mm
precision rating:	ISO Class 0
Weight / Kilogram	3.794
Manufacturer Name	NTN
Internal Clearance	C3-Loose
Bore Diameter (mm)	105
maximum rpm (oil):	4200 rpm
internal clearance:	CN
Snap ring reference	R190
snap ring included:	With Snap Ring
Outer Diameter (mm)	190

Minimum Buy Quantity	N/A
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	3500 rpm
static load capacity:	105000 N
dynamic load capacity:	133000 N
Fatigue limit load, Cu	3.95 kN
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	4 000 r/min
Manufacturer Item Number	6221NR
Internal Special Features	No
(Grease) Lubrication Speed	3 400 r/min
manufacturer product page:	<a href="#">Click here</a>
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	105 kN
Basic dynamic load rating (C)	133 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	5.28 Hz

element frequency, BSF	
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