



Bearing No. 6221

D	190 mm
C	36 mm
B	36 mm
d	105 mm
f0	14.4
Noun	Bearing
Mass	3.7 kg
Bore	4.134 Inch 105 Millimeter
r min.	2,1 mm
UNSPSC	31171504
Weight	3,7 Kg
ra max	2 mm
Da max	179 mm
da min	116 mm
rs min	2.1 mm
da max	125 mm
da min.	116 mm
Da max.	179 mm
ra max.	2 mm
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Size (mm)	105x190x36
Enclosure	Open
Nlim (oil)	4,000 rpm
Width (mm)	36
Weight / LBS	8.16
Product Group	B00308
Nlim (grease)	3,400 rpm

Inch - Metric	Metric
Cage Material	Steel
Bearing number	6221
Keyword String	Ball
Other Features	Deep Groove
Dynamic load, C	133 kN
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Static load, C0	105 kN
Manufacturer URL	http://www.ntnamerica.com
Long Description	105MM Bore; 190MM Outside Diameter; 36MM 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
Outside Diameter	7.48 Inch 190 Millimeter
Outer Race Width	1.417 Inch 36 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Weight / Kilogram	3.8
Manufacturer Name	NTN
Bore Diameter (mm)	105
Internal Clearance	C0-Medium
Outer Diameter (mm)	190
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	3.95 kN
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
(Oil) Lubrication Speed	4 000 r/min

Internal Special Features	No
(Grease) Lubrication Speed	3 400 r/min
Basic dynamic load rating (C)	133 kN
Basic static load rating (C0)	105 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 inner ring frequency, BPF1	5.92 Hz
Characteristic outer ring frequency, BPF0	4.08 Hz
Characteristic rolling element frequency, BSF	5.28 Hz