



SNR BEARING CORP.OF AMERICA

105 mm x 190 mm x 36 mm NTN NJ221G1C3
Single row cylindrical roller bearings

Bearing No. NJ221G1C3

d	105 mm
D	190 mm
B	36 mm
E	168.8 mm
F	126.8 mm
d1	135 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	C3
Mass (without HJ ring)	4.32 kg
Dynamic load, C	201 kN
Static load, C0	241 kN
Fatigue limit load, Cu	26.2 kN
Nlim (oil)	4,300 rpm
Nlim (grease)	3,600 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.9 Hz
Characteristic outer ring frequency, BPF0	6.86 Hz
Characteristic inner ring frequency, BPF1	9.14 Hz

NJ221G1C3 Bearing 2D drawings and 3D CAD models



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da min	116 mm
da max	124 mm
dc min	137 mm
Da max	179 mm
ra max	2 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	4.32
Product Group	B04144