



## NTN Bearing Rolamentos do Brasil Ltda.

55 mm x 100 mm x 21 mm NTN  
NUP211ET2XNRU Single row cylindrical roller  
bearings

Bearing No. NUP211ET2XNRU

d	55 mm
D	100 mm
B	21 mm
E	90 mm
F	66 mm
d1	70.8 mm
a min	3.07 mm
a max	3.28 mm
Ca min	5.43 mm
Ca max	5.74 mm
rNs min	0.5 mm
D3 max	96.8 mm
b min	2.7 mm
b max	3 mm
r0 max	0.6 mm
D4 max	106.5 mm
f	2.46 mm
Snap ring reference	R100
rs min	1.5 mm
r1s min	1.1 mm
Radial clearance class	CN
Mass (without HJ ring)	0.7 kg
Dynamic load, C	82.5 kN
Static load, C0	93 kN
Fatigue limit load, Cu	11.3 kN

NUP211ET2XNRU Bearing 2D drawings and 3D CAD  
models



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Nlim (oil)	7,400 rpm
Nlim (grease)	6,300 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.35 Hz
Characteristic outer ring frequency, BPF0	6.77 Hz
Characteristic inner ring frequency, BPFI	9.23 Hz
da min	63 mm
dc min	73 mm
Da max	92 mm
DbN min	107.9 mm
ra max	1.5 mm
rNa max	0.5 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.705
Product Group	B04144