



## NTN Bearing Rolamentos do Brasil Ltda.

60 mm x 110 mm x 22 mm NTN  
NUP212EAT2XU Single row cylindrical roller  
bearings

Bearing No. NUP212EAT2XU

d	60 mm
D	110 mm
B	22 mm
E	100 mm
F	72 mm
d1	77.6 mm
D1	94.8 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	CN
Mass (without HJ ring)	0.84 kg
Dynamic load, C	115 kN
Static load, C0	107 kN
Nlim (oil)	8,200 rpm
Nlim (grease)	5,800 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	5.98 Hz
Characteristic outer ring frequency, BPF0	6.7 Hz
Characteristic inner ring	9.3 Hz

NUP212EAT2XU Bearing 2D drawings and 3D CAD  
models



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frequency, BPF1	
da min	68 mm
dc min	80 mm
Da max	102 mm
ra max	1.5 mm
r1a max	1.5 mm