



## NTN Bearing Rolamentos do Brasil Ltda.

35 mm x 80 mm x 21 mm NTN  
NUP307ET2XC3U Single row cylindrical roller  
bearings

Bearing No. NUP307ET2XC3U

d	35 mm
D	80 mm
B	21 mm
E	70.2 mm
F	46.2 mm
d1	51 mm
rs min	1.5 mm
r1s min	1.1 mm
Radial clearance class	C3
Mass (without HJ ring)	0.5 kg
Dynamic load, C	71 kN
Static load, C0	71 kN
Fatigue limit load, Cu	8.7 kN
Nlim (oil)	9,600 rpm
Nlim (grease)	8,100 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.64 Hz
Characteristic outer ring frequency, BPF0	5.16 Hz
Characteristic inner ring	7.84 Hz

NUP307ET2XC3U Bearing 2D drawings and 3D CAD  
models



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frequency, BPFI	
da min	43 mm
dc min	53 mm
Da max	72 mm
ra max	1.5 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.503
Product Group	B04144