



NTN Bearing Rolamentos do Brasil Ltda.

35 mm x 80 mm x 31 mm NTN
NUP2307ET2XU Single row cylindrical roller
bearings

Bearing No. NUP2307ET2XU

d	35 mm
D	80 mm
B	31 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	CN
Mass (without HJ ring)	0.78 kg
Dynamic load, C	99 kN
Static load, C0	109 kN
Fatigue limit load, Cu	13.3 kN
Nlim (oil)	8,500 rpm
Nlim (grease)	7,200 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

NUP2307ET2XU 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	0.775
Product Group	B04144