



NTN Bearing Rolamentos do Brasil Ltda.

45 mm x 85 mm x 23 mm NTN
NUP2209ET2XC3U Single row cylindrical roller
bearings

Bearing No. NUP2209ET2XC3U

d	45 mm
D	85 mm
B	23 mm
E	76.5 mm
F	54.5 mm
d1	58.9 mm
rs min	1.1 mm
r1s min	1.1 mm
Radial clearance class	C3
Mass (without HJ ring)	0.54 kg
Dynamic load, C	76 kN
Static load, C0	84.5 kN
Fatigue limit load, Cu	10.3 kN
Nlim (oil)	8,000 rpm
Nlim (grease)	6,800 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	5.79 Hz
Characteristic outer ring frequency, BPF0	6.24 Hz
Characteristic inner ring	8.76 Hz

NUP2209ET2XC3U Bearing 2D drawings and 3D CAD
models



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frequency, BPFI	
da min	51.5 mm
dc min	61 mm
Da max	78.5 mm
ra max	1 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.542
Product Group	B04144