



NTN Bearing Rolamentos do Brasil Ltda.

60 mm x 130 mm x 46 mm NTN
NUP2312EG1C3 Single row cylindrical roller
bearings

Bearing No. NUP2312EG1C3

d	60 mm
D	130 mm
B	46 mm
E	115 mm
F	77 mm
d1	84.6 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	C3
Mass (without HJ ring)	3.01 kg
Dynamic load, C	222 kN
Static load, C0	262 kN
Fatigue limit load, Cu	32 kN
Nlim (oil)	5,200 rpm
Nlim (grease)	4,400 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.86 Hz
Characteristic outer ring frequency, BPF0	5.21 Hz
Characteristic inner ring	7.79 Hz

NUP2312EG1C3 Bearing 2D drawings and 3D CAD
models



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frequency, BPFI	
da min	71 mm
dc min	86 mm
Da max	119 mm
ra max	2 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	3.01
Product Group	B04144