



# HMSA BEARING MANUFACTURING LIMITED

30 mm x 72 mm x 27 mm NTN NJ2306EG1C3  
Single row cylindrical roller bearings

Bearing No. NJ2306EG1C3

d	30 mm
D	72 mm
B	27 mm
E	62.5 mm
F	40.5 mm
d1	44.9 mm
rs min	1.1 mm
r1s min	1.1 mm
Radial clearance class	C3
Mass (without HJ ring)	0.53 kg
Dynamic load, C	74.5 kN
Static load, C0	77.5 kN
Fatigue limit load, Cu	9.5 kN
Nlim (oil)	9,700 rpm
Nlim (grease)	8,300 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.47 Hz
Characteristic outer ring frequency, BPF0	4.72 Hz
Characteristic inner ring frequency, BPF1	7.28 Hz

NJ2306EG1C3 Bearing 2D drawings and 3D CAD models



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da min	36.5 mm
da max	40 mm
dc min	48 mm
Da max	65.5 mm
ra max	1 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.527
Product Group	B04144