



# HMSA BEARING MANUFACTURING LIMITED

## 90 mm x 190 mm x 43 mm NTN NJ318ET2 Single row cylindrical roller bearings

Bearing No. NJ318ET2

d	90 mm
D	190 mm
B	43 mm
E	169.5 mm
F	113.5 mm
d1	124.7 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	5.72 kg
Dynamic load, C	315 kN
Static load, C0	355 kN
Fatigue limit load, Cu	39.1 kN
Nlim (oil)	3,900 rpm
Nlim (grease)	3,300 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	4.86 Hz
Characteristic outer ring frequency, BPF0	5.21 Hz
Characteristic inner ring frequency, BRFI	7.79 Hz

NJ318ET2 Bearing 2D drawings and 3D CAD models



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da min	103 mm
da max	111 mm
dc min	127 mm
Da max	177 mm
ra max	2.5 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	5.4
Product Group	B04144