



Bearing No. NUP314

J	98 mm
D	150 mm
F	90 mm
C	35 mm
E	130 mm
B	35 mm
d	70 mm
Fw	90 mm
d1	98 mm
rs min	2.1 mm
r min.	2,1 mm
da min	81 mm
Weight	2,71 Kg
ra max	2 mm
Da max	139 mm
dc min	100 mm
r1s min	2.1 mm
r1 min.	2,1 mm
Category	Bearings
Inventory	0.0
Size (mm)	70x150x35
Nlim (oil)	5,500 rpm
Width (mm)	35
Product Group	B04144
Nlim (grease)	4,700 rpm
Bearing number	NUP314
Static load, C0	168 kN
Dynamic load, C	158 kN
Weight / Kilogram	2.843
Manufacturer Name	NTN

Bore Diameter (mm)	70
Outer Diameter (mm)	150
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	19.9 kN
Mass (without HJ ring)	2.84 kg
Radial clearance class	CN
(Grease) Lubrication Speed	4 700 r/min
Basic static load rating (C0)	168 kN
Basic dynamic load rating (C)	158 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic inner ring frequency, BPFI	7.68 Hz
Characteristic outer ring frequency, BPF0	5.32 Hz
Characteristic rolling element frequency, BSF	5.32 Hz