



Bearing No. NU414

E	152 mm
d	70 mm
D	180 mm
B	42 mm
C	42 mm
F	100 mm
Fw	100 mm
Weight	5,24 Kg
da max	99 mm
db min	102 mm
r min.	3 mm
da min	83 mm
rs min	3 mm
ra max	2.5 mm
Da max	167 mm
r1s min	3 mm
r1 min.	3 mm
r1a max	2.5 mm
Category	Bearings
Inventory	0.0
Size (mm)	70x180x42
Nlim (oil)	4,000 rpm
Width (mm)	42
Product Group	B04144
Nlim (grease)	3,400 rpm
Bearing number	NU414
Dynamic load, C	228 kN
Static load, C0	236 kN
Weight / Kilogram	5.23
Manufacturer Name	NTN

Bore Diameter (mm)	70
Outer Diameter (mm)	180
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	26.9 kN
Radial clearance class	CN
Mass (without HJ ring)	5.23 kg
(Grease) Lubrication Speed	3 400 r/min
Basic static load rating (C0)	236 kN
Basic dynamic load rating (C)	228 kN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic inner ring frequency, BPFI	6.64 Hz
Characteristic outer ring frequency, BPF0	4.36 Hz
Characteristic rolling element frequency, BSF	4.64 Hz