



Bearing No. NU416

E	170 mm
d	80 mm
D	200 mm
B	48 mm
C	48 mm
F	110 mm
Fw	110 mm
Weight	7,32 Kg
da max	109 mm
db min	112 mm
r min.	3 mm
da min	93 mm
rs min	3 mm
ra max	2.5 mm
Da max	187 mm
r1s min	3 mm
r1 min.	3 mm
r1a max	2.5 mm
Category	Bearings
Inventory	0.0
Size (mm)	80x200x48
Nlim (oil)	3,500 rpm
Width (mm)	48
Product Group	B04144
Nlim (grease)	3,000 rpm
Bearing number	NU416
Dynamic load, C	299 kN
Static load, C0	315 kN
Weight / Kilogram	7.49
Manufacturer Name	NTN

Bore Diameter (mm)	80
Outer Diameter (mm)	200
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	34.7 kN
Radial clearance class	CN
Mass (without HJ ring)	7.49 kg
(Grease) Lubrication Speed	3 000 r/min
Basic static load rating (C0)	315 kN
Basic dynamic load rating (C)	299 kN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic inner ring frequency, BPF1	6.68 Hz
Characteristic outer ring frequency, BPF0	4.32 Hz
Characteristic rolling element frequency, BSF	4.45 Hz