



Bearing No. NU2216

d	80 mm
D	140 mm
B	33 mm
C	33 mm
F	95.3 mm
E	125.3 mm
Fw	95,3 mm
Noun	Bearing
Bore	3.15 Inch 80 Millimeter
Width	1.299 Inch 33 Millimeter
da max	94 mm
rs min	2 mm
UNSPSC	31171547
r min.	2 mm
db min	97 mm
Weight	1,93 Kg
Da max	131 mm
ra max	2 mm
da min	89 mm
Profile	Complete with Outer and Inner Ring
r1s min	2 mm
r1 min.	2 mm
r1a max	2 mm
Retainer	Yes
Category	Cylindrical Roller Bearing
Inventory	0.0
Snap Ring	No
Separable	Inner Ring - Both Sides

Size (mm)	80x140x33
Nlim (oil)	5,100 rpm
Width (mm)	33
Weight / LBS	4.287
Bore Profile	Straight
Product Group	B04144
Cage Material	Steel
Nlim (grease)	4,400 rpm
Inch - Metric	Metric
Relubricatable	Yes
Other Features	Plain Inner Ring 2 Rib Outer Ring Cage On Outer Ring ID
Bearing number	NU2216
Static load, C0	186 kN
Precision Class	RBEC 1 ISO P0
Dynamic load, C	147 kN
Rolling Element	Cylindrical Roller Bearing
Manufacturer URL	http://www.ntnamerica.com
Long Description	80MM Bore; Straight Bore Profile; 140MM Outside Diameter; 33MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inte
Outside Diameter	5.512 Inch 140 Millimeter
Weight / Kilogram	1.95
Manufacturer Name	NTN
Bore Diameter (mm)	80

Internal Clearance	C0-Medium
Outer Diameter (mm)	140
Minimum Buy Quantity	N/A
Mass (without HJ ring)	2.02 kg
Harmonized Tariff Code	8482.50.00.00
Radial clearance class	CN
Fatigue limit load, Cu	22 kN
Manufacturer Item Number	NU2216
Number of Rows of Rollers	Single Row
(Grease) Lubrication Speed	4 400 r/min
Basic dynamic load rating (C)	147 kN
Basic static load rating (C0)	186 kN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic outer ring frequency, BPF0	6.91 Hz
Characteristic inner ring frequency, BPFI	9.09 Hz
Characteristic rolling element frequency, BSF	7.22 Hz