



Bearing Manufacturing of America



80 mm x 140 mm x 33 mm 80 mm x 140 mm x 33 mm NTN NU2216 cylindrical roller bearings

Bearing No. NU2216

Size	80x140x33 mm
Bore Diameter	80 mm
Outer Diameter	140 mm
Width	33 mm
d	80 mm
Fw	95,3 mm
D	140 mm
B	33 mm
C	33 mm
r min.	2 mm
r1 min.	2 mm
Weight	1,93 Kg
Basic dynamic load rating (C)	147 kN
Basic static load rating (C0)	186 kN
(Grease) Lubrication Speed	4 400 r/min
E	125.3 mm
F	95.3 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	CN
Mass (without HJ ring)	2.02 kg
Dynamic load, C	147 kN
Static load, C0	186 kN
Fatigue limit load, Cu	22 kN
Nlim (oil)	5,100 rpm

NU2216 Bearing 2D drawings and 3D CAD models



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Nlim (grease)	4,400 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.22 Hz
Characteristic outer ring frequency, BPF0	6.91 Hz
Characteristic inner ring frequency, BRF1	9.09 Hz
da min	89 mm
da max	94 mm
db min	97 mm
Da max	131 mm
ra max	2 mm
r1a max	2 mm
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.95
EAN	4547359141535
Product Group	B04144
Bore Profile	Straight
Cage Material	Steel
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	Inner Ring - Both Sides
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring



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Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	Plain Inner Ring 2 Rib Outer Ring Cage On Outer Ring ID
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
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	NU2216
Weight / LBS	4.287
Bore	3.15 Inch 80 Millimeter
Width	1.299 Inch 33 Millimeter
Outside Diameter	5.512 Inch 140 Millimeter