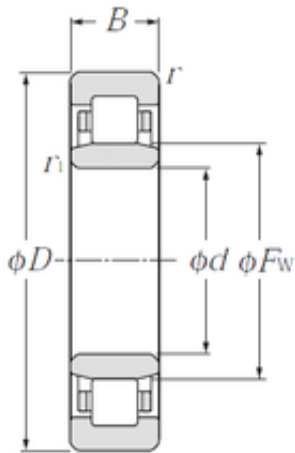




AMERICAN BEARING MFG.CORP.



80 mm x 170 mm x 39 mm NTN NU316
cylindrical roller bearings

Bearing No. NU316

NU316 Bearing 2D drawings and 3D CAD models

Size	80x170x39 mm
Bore Diameter	80 mm
Outer Diameter	170 mm
Width	39 mm
d	80 mm
Fw	103 mm
D	170 mm
B	39 mm
C	39 mm
r min.	2,1 mm
r1 min.	2,1 mm
Weight	3,86 Kg
Basic dynamic load rating (C)	190 kN
Basic static load rating (C0)	207 kN
(Grease) Lubrication Speed	4 100 r/min
E	147 mm
F	103 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	CN
Mass (without HJ ring)	4 kg
Dynamic load, C	190 kN
Static load, C0	207 kN
Fatigue limit load, Cu	23.6 kN
Nlim (oil)	4,800 rpm



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Nlim (grease)	4,100 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	91 mm
da max	99 mm
db min	105 mm
Da max	159 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	3.89
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
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



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	Profile; 170MM Outside Diameter; 39MM 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	NU316
Weight / LBS	8.575
Bore	3.15 Inch 80 Millimeter
Width	1.535 Inch 39 Millimeter
Outside Diameter	6.693 Inch 170 Millimeter
bore diameter:	80 mm
precision rating:	ISO Class 0
outside diameter:	170 mm
maximum rpm:	4800 rpm
overall width:	39 mm
bearing material:	Hardened Alloy Steel
flanges:	(2) Outer Ring
cage material:	Pressed Steel
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	CN
outer ring width:	39 mm
ring separation:	Separable Inner Ring
fillet radius:	2 mm



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operating temperature range:	-40 to 120 ° C
series:	NU
dynamic load capacity:	190000 N
manufacturer product page:	Click here
static load capacity:	207000 N