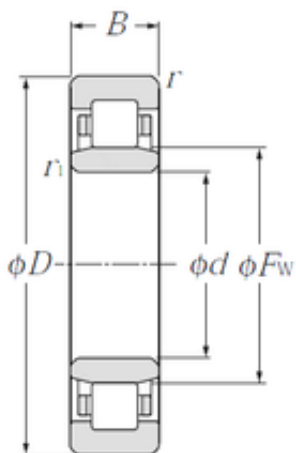




# BEARING CORP.OF AMERICA



## 55 mm x 120 mm x 29 mm NTN NU311 Cylindrical roller bearings

Bearing No. NU311

Size	55x120x29 mm
Bore Diameter	55 mm
Outer Diameter	120 mm
Width	29 mm
d	55 mm
Fw	70,5 mm
D	120 mm
B	29 mm
C	29 mm
r min.	2 mm
r1 min.	2 mm
Weight	1,45 Kg
Basic dynamic load rating (C)	111 kN
Basic static load rating (C0)	111 kN
(Grease) Lubrication Speed	5 900 r/min
E	104.5 mm
F	70.5 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	CN
Mass (without HJ ring)	1.45 kg
Dynamic load, C	111 kN
Static load, C0	111 kN
Fatigue limit load, Cu	13.5 kN
Nlim (oil)	7,000 rpm

NU311 Bearing 2D drawings and 3D CAD models



## BEARING CORP.OF AMERICA

Nlim (grease)	5,900 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	64 mm
da max	69 mm
db min	72 mm
Da max	111 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	1.44
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	55MM Bore; Straight Bore



## BEARING CORP.OF AMERICA

	Profile; 120MM Outside Diameter; 29MM 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	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	NU311
Weight / LBS	3.18
Outside Diameter	4.724 Inch   120 Millimeter
Width	1.142 Inch   29 Millimeter
Bore	2.165 Inch   55 Millimeter
bore diameter:	55 mm
static load capacity:	111000 N
outside diameter:	120 mm
precision rating:	ISO Class 0
overall width:	29 mm
maximum rpm:	7000 rpm
flanges:	(2) Outer Ring
bearing material:	Hardened Alloy Steel
bore type:	Straight
cage material:	Pressed Steel
number of rows:	1
finish/coating:	Uncoated
internal clearance:	CN
closure type:	Open
ring separation:	Separable Inner Ring
fillet radius:	2 mm



## BEARING CORP.OF AMERICA

operating temperature range:	-40 to 120 ° C
manufacturer product page:	<a href="#">Click here</a>
dynamic load capacity:	111000 N