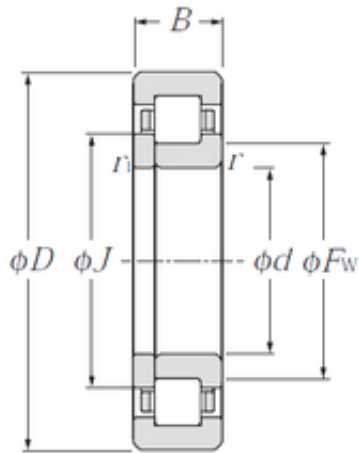




NTN Bearing Rolamentos do Brasil Ltda.



55 mm x 120 mm x 29 mm NTN NUP311 Single row cylindrical roller bearings

Bearing No. NUP311

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
J	77,2 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
d1	77.2 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	CN
Mass (without HJ ring)	1.51 kg
Dynamic load, C	111 kN
Static load, C0	111 kN

NUP311 Bearing 2D drawings and 3D CAD models



NTN Bearing Rolamentos do Brasil Ltda.

Fatigue limit load, Cu	13.5 kN
Nlim (oil)	7,000 rpm
Nlim (grease)	5,900 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	64 mm
dc min	80 mm
Da max	111 mm
ra max	2 mm
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.52
EAN	4547359136272
Product Group	B04144
Bore Profile	Straight
Cage Material	Steel
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	No
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C3-Loose
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	1 Rib Inner Ring with Side Plate 2 Rib Outer Ring Cage On Outer Ring ID



NTN Bearing Rolamentos do Brasil Ltda.

Long Description	55MM Bore; Straight Bore Profile; 120MM Outside Diameter; 29MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C3-Loose Internal Clearance; Retai
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	NUP311
Weight / LBS	3.337
Outside Diameter	4.724 Inch 120 Millimeter
Bore	2.165 Inch 55 Millimeter
Width	1.142 Inch 29 Millimeter
bore diameter:	55 mm
precision rating:	ISO Class 0
outside diameter:	120 mm
maximum rpm:	7000 rpm
overall width:	29 mm
bearing material:	Hardened Alloy Steel
flanges:	(2) Outer Ring, (2) Inner Ring
cage material:	Pressed Steel
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	CN
outer ring width:	29 mm
ring separation:	Separable Inner Ring



NTN Bearing Rolamentos do Brasil Ltda.

fillet radius:	2 mm
operating temperature range:	-40 to 120 ° C
series:	NUP
dynamic load capacity:	111000 N
manufacturer product page:	Click here
static load capacity:	111000 N