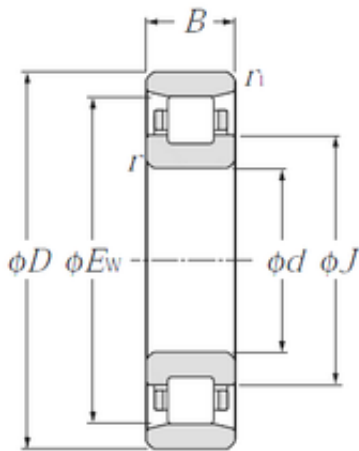




NTN-BOWER LTD.

70 mm x 150 mm x 35 mm NTN N314 JAPAN Bearing 50*72*23



Bearing No. N314

Size	70x130x35 mm
Bore Diameter	70 mm
Outer Diameter	130 mm
Width	35 mm
d	70 mm
D	150 mm
Ew	130 mm
B	35 mm
C	35 mm
r min.	2,1 mm
r1 min.	2,1 mm
J	98 mm
Weight	2,65 Kg
Basic dynamic load rating (C)	158 kN
Basic static load rating (C0)	168 kN
(Grease) Lubrication Speed	4 700 r/min
E	130 mm
F	90 mm
d1	98 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	CN
Mass (without HJ ring)	2.67 kg
Dynamic load, C	158 kN
Static load, C0	168 kN

N314 Bearing 2D drawings and 3D CAD models



NTN-BOWER LTD.

Fatigue limit load, Cu	19.9 kN
Nlim (oil)	5,500 rpm
Nlim (grease)	4,700 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.32 Hz
Characteristic outer ring frequency, BPF0	5.32 Hz
Characteristic inner ring frequency, BRFI	7.68 Hz
da min	81 mm
Da max	139 mm
Db min	133 mm
Dc max	128 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	2.68
Product Group	B04144
Bore Profile	Straight
Cage Material	Steel
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	Outer Ring - Both Sides
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and



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	Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	2 Rib Inner Ring Plain Outer Ring Cage On Inner Ring OD
Long Description	70MM Bore; Straight Bore Profile; 150MM Outside Diameter; 35MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Outer 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	N314
Weight / LBS	5.898
Width	1.378 Inch 35 Millimeter
Bore	2.756 Inch 70 Millimeter
Outside Diameter	5.906 Inch 150 Millimeter
bore diameter:	70 mm
precision rating:	ISO Class 0
outside diameter:	150 mm
maximum rpm:	5500 rpm
overall width:	35 mm
bearing material:	Hardened Alloy Steel
flanges:	(2) Inner Ring



NTN-BOWER LTD.

cage material:	Pressed Steel
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	CN
outer ring width:	35 mm
ring separation:	Separable Outer Ring
fillet radius:	2 mm
operating temperature range:	-40 to 120 ° C
series:	N
dynamic load capacity:	158000 N
manufacturer product page:	Click here
static load capacity:	168000 N