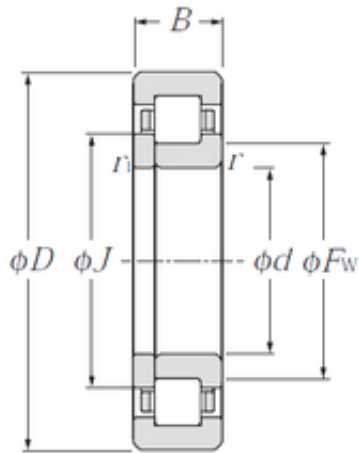




# NTN Bearing Rolamentos do Brasil Ltda.



## 70 mm x 150 mm x 51 mm NTN NUP2314 Single row cylindrical roller bearings

Bearing No. NUP2314

Size	70x150x51 mm
Bore Diameter	70 mm
Outer Diameter	150 mm
Width	51 mm
d	70 mm
Fw	90 mm
D	150 mm
B	51 mm
C	51 mm
r min.	2,1 mm
r1 min.	2,1 mm
J	98 mm
Weight	3,98 Kg
Basic dynamic load rating (C)	223 kN
Basic static load rating (C0)	262 kN
(Grease) Lubrication Speed	4 100 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)	4.18 kg
Dynamic load, C	223 kN
Static load, C0	262 kN

NUP2314 Bearing 2D drawings and 3D CAD models



## NTN Bearing Rolamentos do Brasil Ltda.

Fatigue limit load, Cu	31.1 kN
Nlim (oil)	4,800 rpm
Nlim (grease)	4,100 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
dc min	100 mm
Da max	139 mm
ra max	2 mm
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	4547359135596
Product Group	B04144
bore diameter:	70 mm
static load capacity:	262000 N
outside diameter:	150 mm
precision rating:	ISO Class 0
overall width:	35 mm
maximum rpm:	4800 rpm
flanges:	(2) Outer Ring, (2) Inner Ring



## NTN Bearing Rolamentos do Brasil Ltda.

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:	2.1 mm
operating temperature range:	-40 to 120 ° C
manufacturer product page:	<a href="#">Click here</a>
dynamic load capacity:	223000 N