



Bearing No. NU2220

C	46 mm
F	120 mm
E	160 mm
d	100 mm
D	180 mm
B	46 mm
Fw	120 mm
Noun	Bearing
Bore	3.937 Inch 100 Millimeter
Width	1.811 Inch 46 Millimeter
Da max	169 mm
db min	122 mm
Weight	4,57 Kg
da max	117 mm
da min	111 mm
UNSPSC	31171547
ra max	2 mm
rs min	2.1 mm
r min.	2,1 mm
r1a max	2 mm
Profile	Complete with Outer and Inner Ring
series:	NU
r1s min	2.1 mm
r1 min.	2,1 mm
Retainer	Yes
flanges:	(2) Outer Ring
Category	Cylindrical Roller Bearing

Inventory	0.0
Snap Ring	No
Size (mm)	100x180x46
Separable	Inner Ring - Both Sides
Nlim (oil)	4,100 rpm
bore type:	Straight
Width (mm)	46
Weight / LBS	10.232
Bore Profile	Straight
maximum rpm:	4100 rpm
Cage Material	Steel
Product Group	B04144
closure type:	Open
Inch - Metric	Metric
Nlim (grease)	3,500 rpm
fillet radius:	2 mm
Relubricatable	Yes
Other Features	Plain Inner Ring 2 Rib Outer Ring Cage On Outer Ring ID
cage material:	Pressed Steel
bore diameter:	100 mm
overall width:	46 mm
Bearing number	NU2220
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
Static load, C0	340 kN
Dynamic load, C	258 kN
finish/coating:	Uncoated
number of rows:	1
Manufacturer URL	http://www.ntnamerica.com

Outside Diameter	7.087 Inch 180 Millimeter
ring separation:	Separable Inner Ring
Long Description	100MM Bore; Straight Bore Profile; 180MM Outside Diameter; 46MM Width; Steel Cage Matetrial; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Int
outside diameter:	180 mm
outer ring width:	46 mm
Manufacturer Name	NTN
bearing material:	Hardened Alloy Steel
Weight / Kilogram	4.65
precision rating:	ISO Class 0
Bore Diameter (mm)	100
Internal Clearance	C0-Medium
internal clearance:	CN
Outer Diameter (mm)	180
Minimum Buy Quantity	N/A
static load capacity:	340000 N
Fatigue limit load, Cu	37.5 kN
dynamic load capacity:	258000 N
Radial clearance class	CN
Harmonized Tariff Code	8482.50.00.00
Mass (without HJ ring)	4.8 kg
Manufacturer Item Number	NU2220
Number of Rows of Rollers	Single Row
(Grease) Lubrication Speed	3 500 r/min

manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic dynamic load rating (C)	258 kN
Basic static load rating (C0)	340 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic outer ring frequency, BPF0	6.86 Hz
Characteristic inner ring frequency, BPFI	9.14 Hz
Characteristic rolling element frequency, BSF	6.86 Hz