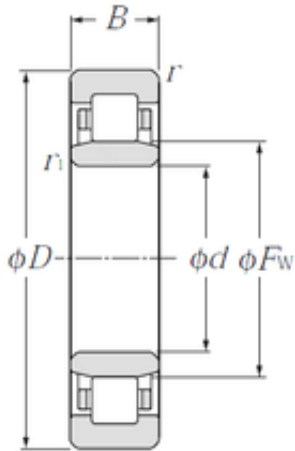




BEARING CORP.OF CANADA LTD.



100 mm x 180 mm x 46 mm NTN NU2220 Cylindrical roller bearings

Bearing No. NU2220

Size	100x180x46 mm
Bore Diameter	100 mm
Outer Diameter	180 mm
Width	46 mm
d	100 mm
Fw	120 mm
D	180 mm
B	46 mm
C	46 mm
r min.	2,1 mm
r1 min.	2,1 mm
Weight	4,57 Kg
Basic dynamic load rating (C)	258 kN
Basic static load rating (C0)	340 kN
(Grease) Lubrication Speed	3 500 r/min
E	160 mm
F	120 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	CN
Mass (without HJ ring)	4.8 kg
Dynamic load, C	258 kN
Static load, C0	340 kN
Fatigue limit load, Cu	37.5 kN
Nlim (oil)	4,100 rpm

NU2220 Bearing 2D drawings and 3D CAD models



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Nlim (grease)	3,500 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.86 Hz
Characteristic outer ring frequency, BPF0	6.86 Hz
Characteristic inner ring frequency, BRF1	9.14 Hz
da min	111 mm
da max	117 mm
db min	122 mm
Da max	169 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	4.65
EAN	4547359141962
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



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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	100MM Bore; Straight Bore Profile; 180MM Outside Diameter; 46MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Int
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	NU2220
Weight / LBS	10.232
Bore	3.937 Inch 100 Millimeter
Outside Diameter	7.087 Inch 180 Millimeter
Width	1.811 Inch 46 Millimeter
bore diameter:	100 mm
precision rating:	ISO Class 0
outside diameter:	180 mm
maximum rpm:	4100 rpm
overall width:	46 mm
bearing material:	Hardened Alloy Steel
flanges:	(2) Outer Ring
cage material:	Pressed Steel



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bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	CN
outer ring width:	46 mm
ring separation:	Separable Inner Ring
fillet radius:	2 mm
operating temperature range:	-40 to 120 ° C
series:	NU
dynamic load capacity:	258000 N
manufacturer product page:	Click here
static load capacity:	340000 N