



Bearing No. NU2210

E	80.4 mm
d	50 mm
D	90 mm
B	23 mm
C	23 mm
F	60.4 mm
Fw	60,4 mm
Noun	Bearing
Bore	1.969 Inch 50 Millimeter
Width	0.906 Inch 23 Millimeter
da min	56.5 mm
da max	58 mm
db min	62 mm
Da max	83.5 mm
ra max	1 mm
rs min	1.1 mm
Weight	0,571 Kg
r min.	1,1 mm
UNSPSC	31171547
r1a max	1 mm
r1s min	1.1 mm
r1 min.	1,1 mm
Profile	Complete with Outer and Inner Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
flanges:	(2) Outer Ring
Inventory	0.0

Snap Ring	No
Separable	Inner Ring - Both Sides
Size (mm)	50x90x23
Nlim (oil)	8,100 rpm
Width (mm)	23
bore type:	Straight
maximum rpm:	8100 rpm
Weight / LBS	1.26
Bore Profile	Straight
Inch - Metric	Metric
Cage Material	Steel
Product Group	B04144
closure type:	Open
Nlim (grease)	6,900 rpm
Relubricatable	Yes
cage material:	Pressed Steel
bore diameter:	50 mm
fillet radius:	1 mm
Other Features	Plain Inner Ring 2 Rib Outer Ring Cage On Outer Ring ID
overall width:	23 mm
Bearing number	NU2210
finish/coating:	Uncoated
number of rows:	1
Dynamic load, C	64 kN
Static load, C0	73.5 kN
Precision Class	RBEC 1 ISO P0
Rolling Element	Cylindrical Roller Bearing
Long Description	50MM Bore; Straight Bore Profile; 90MM Outside Diameter; 23MM Width; Steel

	Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inter
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	3.543 Inch 90 Millimeter
ring separation:	Separable Inner Ring
outside diameter:	90 mm
bearing material:	Hardened Alloy Steel
precision rating:	ISO Class 0
Weight / Kilogram	0.571
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	50
Outer Diameter (mm)	90
internal clearance:	CN
Minimum Buy Quantity	N/A
static load capacity:	73500 N
Harmonized Tariff Code	8482.50.00.00
Fatigue limit load, Cu	9 kN
Radial clearance class	CN
Mass (without HJ ring)	0.59 kg
dynamic load capacity:	64000 N
Manufacturer Item Number	NU2210
Number of Rows of Rollers	Single Row
(Grease) Lubrication Speed	6 900 r/min
manufacturer product page:	Click here
operating temperature	-40 to 120 °C

range:	
Basic static load rating (C0)	73,5 kN
Basic dynamic load rating (C)	64 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	6.44 Hz
Characteristic inner ring frequency, BPFI	8.56 Hz
Characteristic rolling element frequency, BSF	6.9 Hz