

40 mm x 80 mm x 18 mm Bore Profile NTN
NU208C3 Single row Cylindrical roller bearing

Bearing No. NU208C3

NU208C3 Bearing 2D drawings and 3D CAD models

d	40 mm
D	80 mm
B	18 mm
E	70 mm
F	50 mm
rs min	1.1 mm
r1s min	1.1 mm
Radial clearance class	C3
Mass (without HJ ring)	0.4 kg
Dynamic load, C	43.5 kN
Static load, C0	43 kN
Fatigue limit load, Cu	5.2 kN
Nlim (oil)	11,000 rpm
Nlim (grease)	9,400 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.83 Hz
Characteristic outer ring frequency, BPF0	5.42 Hz
Characteristic inner ring frequency, BPF1	7.58 Hz
da min	46.5 mm



da max	49 mm
db min	52 mm
Da max	73.5 mm
ra max	1 mm
r1a max	1 mm
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.375
EAN	4547359138481
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
Snap Ring	No
Internal Clearance	C3-Loose
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	Plain Inner Ring 2 Rib Outer Ring Cage On Outer Ring ID
Long Description	40MM Bore; Straight Bore Profile; 80MM Outside Diameter; 18MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring;



	Relubricatable; C3-Loose Intern
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	NU208C3
Weight / LBS	0.829
Bore	1.575 Inch 40 Millimeter
Outside Diameter	3.15 Inch 80 Millimeter
Width	0.709 Inch 18 Millimeter
bore diameter:	40 mm
precision rating:	ISO Class 0
outside diameter:	80 mm
maximum rpm:	11000 rpm
overall width:	18 mm
bearing material:	Hardened Alloy Steel
flanges:	(2) Outer Ring
cage material:	Pressed Steel
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	C3
outer ring width:	18 mm
ring separation:	Separable Inner Ring
fillet radius:	1 mm
operating temperature range:	-40 to 120 ° C
series:	NU
dynamic load capacity:	43500 N



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manufacturer product page:	Click here
static load capacity:	43000 N