

80 mm x 170 mm x 58 mm db min NTN  
 NU2316G1C3 Single row Cylindrical roller  
 bearing

Bearing No. NU2316G1C3

NU2316G1C3 Bearing 2D drawings and 3D CAD models

d	80 mm
D	170 mm
B	58 mm
E	147 mm
F	103 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	C3
Mass (without HJ ring)	6.23 kg
Dynamic load, C	274 kN
Static load, C0	330 kN
Fatigue limit load, Cu	37.6 kN
Nlim (oil)	4,200 rpm
Nlim (grease)	3,600 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	91 mm
da max	99 mm
db min	105 mm
Da max	159 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	6.25
EAN	4547359144024
Product Group	B04144
Bore Profile	Straight
Cage Material	Brass
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	80MM Bore; Straight Bore Profile; 170MM Outside Diameter; 58MM Width; Brass Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C3-Loose Inter
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	<a href="http://www.ntnamerica.co">http://www.ntnamerica.co</a>



	m
Manufacturer Item Number	NU2316G1C3
Weight / LBS	13.768
Bore	3.15 Inch   80 Millimeter
Width	2.283 Inch   58 Millimeter
Outside Diameter	6.693 Inch   170 Millimeter
bore diameter:	80 mm
static load capacity:	330000 N
outside diameter:	170 mm
precision rating:	ISO Class 0
overall width:	58 mm
maximum rpm:	4200 rpm
flanges:	(2) Outer Ring
bearing material:	Hardened Alloy Steel
bore type:	Straight
cage material:	High Strength Machined Brass Rivetless w/ square holes
number of rows:	1
finish/coating:	Uncoated
internal clearance:	C3
closure type:	Open
ring separation:	Separable Inner Ring
fillet radius:	2 mm
operating temperature range:	-40 to 120 ° C
manufacturer product page:	<a href="#">Click here</a>
dynamic load capacity:	274000 N