



NTN-SNR BEARING RULMENTI S.R.L.

65 mm x 140 mm x 33 mm NTN N313C3 Single row cylindrical roller bearings

Bearing No. N313C3

d	65 mm
D	140 mm
B	33 mm
E	121.5 mm
F	83.5 mm
d1	91 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	C3
Mass (without HJ ring)	2.16 kg
Dynamic load, C	135 kN
Static load, C0	139 kN
Fatigue limit load, Cu	16.8 kN
Nlim (oil)	6,000 rpm
Nlim (grease)	5,100 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.21 Hz
Characteristic outer ring frequency, BPF0	4.89 Hz
Characteristic inner ring frequency, BPF1	7.11 Hz

N313C3 Bearing 2D drawings and 3D CAD models



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da min	76 mm
Da max	129 mm
Db min	124 mm
Dc max	120 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	2.157
EAN	4547359151664
Product Group	B04144
Bore Profile	Straight
Cage Material	Steel
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	Outer 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	2 Rib Inner Ring Plain Outer Ring Cage On Inner Ring OD
Long Description	65MM Bore; Straight Bore Profile; 140MM Outside Diameter; 33MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Outer Ring - Both Sides



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	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	http://www.ntnamerica.com
Manufacturer Item Number	N313C3
Weight / LBS	4.763
Bore	2.559 Inch 65 Millimeter
Width	1.299 Inch 33 Millimeter
Outside Diameter	5.512 Inch 140 Millimeter
bore diameter:	65 mm
precision rating:	ISO Class 0
outside diameter:	140 mm
maximum rpm:	6000 rpm
overall width:	33 mm
bearing material:	Hardened Alloy Steel
flanges:	(2) Inner Ring
cage material:	Pressed Steel
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	C3
outer ring width:	33 mm
ring separation:	Separable Outer Ring
fillet radius:	2 mm
operating temperature range:	-40 to 120 ° C
series:	N



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dynamic load capacity:	135000 N
manufacturer product page:	Click here
static load capacity:	139000 N