



NTN Bearing Driveshaft do Brasil

65 mm x 140 mm x 33 mm NTN NJ313EG1C3
Single row cylindrical roller bearings

Bearing No. NJ313EG1C3

d	65 mm
D	140 mm
B	33 mm
E	124.5 mm
F	82.5 mm
d1	91 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	C3
Mass (without HJ ring)	2.5 kg
Dynamic load, C	181 kN
Static load, C0	191 kN
Fatigue limit load, Cu	23.1 kN
Nlim (oil)	5,400 rpm
Nlim (grease)	4,600 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.73 Hz
Characteristic outer ring frequency, BPF0	5.18 Hz
Characteristic inner ring frequency, BPF1	7.82 Hz

NJ313EG1C3 Bearing 2D drawings and 3D CAD models



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da min	76 mm
da max	81 mm
dc min	93 mm
Da max	129 mm
ra max	2 mm
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	2.18
EAN	4547359123395
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 - One Side
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	High Capacity 1 Rib Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Long Description	65MM Bore; Straight Bore Profile; 140MM Outside Diameter; 33MM Width; Brass Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring;



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	Relubricatable; C3-Loose Interna
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	NJ313EG1C3
Weight / LBS	4.81
Bore	2.559 Inch 65 Millimeter
Width	1.299 Inch 33 Millimeter
Outside Diameter	5.512 Inch 140 Millimeter
bore diameter:	65 mm
static load capacity:	191000 N
outside diameter:	140 mm
precision rating:	ISO Class 0
overall width:	33 mm
maximum rpm:	5400 rpm
flanges:	(2) Outer Ring, (1) Inner 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
operating temperature range:	-40 to 120 ° C
fillet radius:	2 mm
dynamic load capacity:	181000 N



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manufacturer product page:

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