



HMSA BEARING MANUFACTURING LIMITED

75 mm x 160 mm x 37 mm NTN NJ315EG1C4 Single row cylindrical roller bearings

Bearing No. NJ315EG1C4

d	75 mm
D	160 mm
B	37 mm
E	143 mm
F	95 mm
d1	104.6 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	C4
Mass (without HJ ring)	3.64 kg
Dynamic load, C	240 kN
Static load, C0	263 kN
Fatigue limit load, Cu	30.6 kN
Nlim (oil)	4,700 rpm
Nlim (grease)	4,000 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	4.76 Hz
Characteristic outer ring frequency, BPF0	5.19 Hz
Characteristic inner ring frequency, BPF1	7.81 Hz

NJ315EG1C4 Bearing 2D drawings and 3D CAD models



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da min	86 mm
da max	93 mm
dc min	106 mm
Da max	149 mm
ra max	2 mm
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	3.55
EAN	4547359123593
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	C4-Extra 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	75MM Bore; Straight Bore Profile; 160MM Outside Diameter; 37MM Width; Brass Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring;



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	Relubricatable; C4-Extra Loose I
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	NJ315EG1C4
Weight / LBS	7.823
Bore	2.953 Inch 75 Millimeter
Outside Diameter	6.299 Inch 160 Millimeter
Width	1.457 Inch 37 Millimeter
bore diameter:	75 mm
static load capacity:	263000 N
outside diameter:	160 mm
precision rating:	ISO Class 0
overall width:	37 mm
maximum rpm:	4700 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:	C4
closure type:	Open
operating temperature range:	-40 to 120 ° C
fillet radius:	2 mm
dynamic load capacity:	240000 N



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