



KYOK BEARING LTD

60 mm x 130 mm x 31 mm NTN NJ312EG1C3 Single row cylindrical roller bearings

Bearing No. NJ312EG1C3

d	60 mm
D	130 mm
B	31 mm
E	115 mm
F	77 mm
d1	84.6 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	C3
Mass (without HJ ring)	1.96 kg
Dynamic load, C	150 kN
Static load, C0	157 kN
Fatigue limit load, Cu	19.1 kN
Nlim (oil)	5,800 rpm
Nlim (grease)	4,900 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	4.86 Hz
Characteristic outer ring frequency, BPF0	5.21 Hz
Characteristic inner ring frequency, BPF1	7.79 Hz

NJ312EG1C3 Bearing 2D drawings and 3D CAD models



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da min	71 mm
da max	75 mm
dc min	86 mm
Da max	119 mm
ra max	2 mm
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.97
EAN	4547359123296
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	60MM Bore; Straight Bore Profile; 130MM Outside Diameter; 31MM 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	NJ312EG1C3
Weight / LBS	4.336
Outside Diameter	5.118 Inch 130 Millimeter
Width	1.22 Inch 31 Millimeter
Bore	2.362 Inch 60 Millimeter
bore diameter:	60 mm
static load capacity:	157000 N
outside diameter:	130 mm
precision rating:	ISO Class 0
overall width:	31 mm
maximum rpm:	5800 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:	150000 N



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