



HMSA BEARING MANUFACTURING LIMITED

50 mm x 110 mm x 27 mm NTN NJ310C4 Single row cylindrical roller bearings

Bearing No. NJ310C4

d	50 mm
D	110 mm
B	27 mm
E	95 mm
F	65 mm
d1	71 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	C4
Mass (without HJ ring)	1.16 kg
Dynamic load, C	87 kN
Static load, C0	86 kN
Fatigue limit load, Cu	10.5 kN
Nlim (oil)	7,700 rpm
Nlim (grease)	6,500 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	59 mm
da max	63 mm
dc min	73 mm
Da max	101 mm
ra max	2 mm
Category	Cylindrical Roller Bearings
Inventory	0.0

NJ310C4 Bearing 2D drawings and 3D CAD models



HMSA BEARING MANUFACTURING LIMITED

Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.16
EAN	4547359123012
Product Group	B04144
Bore Profile	Straight
Cage Material	Steel
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	1 Rib Inner Ring 2 Rib Outer Ring Cage On Outer Ring ID
Long Description	50MM Bore; Straight Bore Profile; 110MM Outside Diameter; 27MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; 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



HMSA BEARING MANUFACTURING LIMITED

Manufacturer Item Number	NJ310C4
Weight / LBS	2.564
Bore	1.969 Inch 50 Millimeter
Outside Diameter	4.331 Inch 110 Millimeter
Width	1.063 Inch 27 Millimeter
bore diameter:	50 mm
precision rating:	ISO Class 0
outside diameter:	110 mm
maximum rpm:	7700 rpm
overall width:	27 mm
bearing material:	Hardened Alloy Steel
flanges:	(2) Outer Ring, (1) Inner Ring
cage material:	Pressed Steel
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	C4
outer ring width:	27 mm
ring separation:	Non-Separable
fillet radius:	2 mm
operating temperature range:	-40 to 120 ° C
series:	NJ
dynamic load capacity:	87000 N
manufacturer product page:	Click here
static load capacity:	86000 N