



Bearing No. 6313N

D	140 mm
d	65 mm
B	33 mm
C	33 mm
a	4,9 mm
b	3,1 mm
f0	13.2
D1	135,23 mm
Cz	2,9 mm
Cy	7,3 mm
rn	0,5 mm
Dx	152 mm
Mass	2.08 kg
Noun	Bearing
Bore	2.559 Inch 65 Millimeter
b max	3.4 mm
b min	3.1 mm
a max	4.9 mm
a min	4.65 mm
Da max	129 mm
UNSPSC	31171504
ra max	2 mm
r0 max	0.6 mm
rs min	2.1 mm
D3 max	135.23 mm
da min	76 mm
r min.	2,1 mm
da max	86 mm
Weight	2,08 Kg

rNa max	0.5 mm
Da max.	129 mm
ra max.	2 mm
r0 max.	0,6 mm
da min.	76 mm
rNs min	0.5 mm
Category	Single Row Ball Bearing
Snap Ring	Yes
Enclosure	Open
Size (mm)	65x140x33
Inventory	0.0
Width (mm)	33
Nlim (oil)	5,800 rpm
Weight / LBS	4.885
Inch - Metric	Metric
Nlim (grease)	4,900 rpm
Product Group	B00308
Cage Material	Steel
Other Features	Deep Groove With Snap Ring Groove
Keyword String	Ball
Bearing number	6313N
Dynamic load, C	92.5 kN
Precision Class	ABEC 1 ISO P0
Static load, C0	60 kN
Rolling Element	Ball Bearing
Outer Race Width	1.299 Inch 33 Millimeter
Outside Diameter	5.512 Inch 140 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Long Description	65MM Bore; 140MM Outside Diameter;

	33MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Inner Race Width	0 Inch 0 Millimeter
Manufacturer Name	NTN
Weight / Kilogram	2.13
Bore Diameter (mm)	65
Internal Clearance	C0-Medium
Outer Diameter (mm)	140
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	2.7 kN
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
(Oil) Lubrication Speed	5 800 r/min
Internal Special Features	No
(Grease) Lubrication Speed	4 900 r/min
Basic static load rating (C0)	60 kN
Basic dynamic load rating (C)	92,5 kN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.38 Hz
Characteristic outer ring frequency, BPF0	3.07 Hz

Characteristic inner ring frequency, BPI	4.93 Hz
Characteristic rolling element frequency, BSF	4.07 Hz