



Bearing No. 6313NR

f	2,82 mm
d	65 mm
D	140 mm
B	33 mm
C	33 mm
a	4,9 mm
b	3,1 mm
f0	13.2
Cy	7,3 mm
D2	149,7 mm
D1	135,23 mm
Cz	2,9 mm
rn	0,5 mm
Dx	152 mm
Noun	Bearing
Mass	2.08 kg
Bore	2.559 Inch 65 Millimeter
b max	3.4 mm
a max	4.9 mm
a min	4.65 mm
b min	3.1 mm
D4 max	149.7 mm
da max	86 mm
D3 max	135.23 mm
da min	76 mm
Weight	2,08 Kg
r0 max	0.6 mm
r min.	2,1 mm
UNSPSC	31171504

Da max	129 mm
Db min	152 mm
ra max	2 mm
Ca min	7.37 mm
Ca max	7.72 mm
rs min	2.1 mm
rNa max	0.5 mm
rNs min	0.5 mm
ra max.	2 mm
r0 max.	0,6 mm
Da max.	129 mm
da min.	76 mm
Category	Single Row Ball Bearing
Inventory	0.0
Size (mm)	65x140x33
Snap Ring	Yes
Enclosure	Open
Width (mm)	33
bore type:	Round
Nlim (oil)	5,800 rpm
Weight / LBS	4.696
Product Group	B00308
Nlim (grease)	4,900 rpm
closure type:	Open
Cage Material	Steel
Inch - Metric	Metric
Other Features	Deep Groove With Snap Ring
overall width:	33 mm
Keyword String	Ball
Bearing number	6313NR
bore diameter:	65 mm
cage material:	Steel

fillet radius:	2.1 mm
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Dynamic load, C	92.5 kN
Rolling Element	Ball Bearing
Static load, C0	60 kN
Outside Diameter	5.512 Inch 140 Millimeter
Inner Race Width	0 Inch 0 Millimeter
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
Outer Race Width	1.299 Inch 33 Millimeter
Manufacturer URL	http://www.ntnamerica.com
outer ring width:	33 mm
outside diameter:	140 mm
precision rating:	ISO Class 0
Weight / Kilogram	2.132
inner ring width:	33 mm
bearing material:	High Carbon Chrome Steel
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	65
maximum rpm (oil):	5800 rpm
Snap ring reference	R140
Outer Diameter (mm)	140

internal clearance:	CN
snap ring included:	With Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	4900 rpm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	60000 N
Fatigue limit load, Cu	2.7 kN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	92500 N
Radial clearance class	CN
(Oil) Lubrication Speed	5 800 r/min
Manufacturer Item Number	6313NR
Internal Special Features	No
(Grease) Lubrication Speed	4 900 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	60 kN
Basic dynamic load rating (C)	92,5 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.38 Hz
Characteristic outer ring frequency, BPF0	3.07 Hz
Characteristic inner ring	4.93 Hz

frequency, BPF1	
Characteristic rolling element frequency, BSF	4.07 Hz