



Bearing No. 6313

D	140 mm
d	65 mm
B	33 mm
C	33 mm
f0	13.2
Bore	2.559 Inch 65 Millimeter
Noun	Bearing
Mass	2.08 kg
Da max	129 mm
UNSPSC	31171504
r min.	2,1 mm
rs min	2.1 mm
da max	86 mm
da min	76 mm
Weight	2,08 Kg
ra max	2 mm
Da max.	129 mm
ra max.	2 mm
da min.	76 mm
series:	63
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Enclosure	Open
Size (mm)	65x140x33
Nlim (oil)	5,800 rpm
bore type:	Round
Width (mm)	33
Weight / LBS	4.584

maximum rpm:	5800 RPM
Nlim (grease)	4,900 rpm
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	65 mm
cage material:	Steel
fillet radius:	2.1 mm
overall width:	33 mm
Bearing number	6313
Dynamic load, C	92.5 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Static load, C0	60 kN
Manufacturer URL	http://www.ntnamerica.com
Outer Race Width	1.299 Inch 33 Millimeter
Long Description	65MM Bore; 140MM Outside Diameter; 33MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outside Diameter	5.512 Inch 140 Millimeter
outer ring width:	33 mm
inner ring width:	33 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	140 mm

Weight / Kilogram	2.076
precision rating:	Class 0
Manufacturer Name	NTN
maximum rpm (oil):	5800 rpm
Internal Clearance	C0-Medium
Bore Diameter (mm)	65
Outer Diameter (mm)	140
internal clearance:	CN
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	4900 rpm
static load capacity:	60000 N
row type & fill slot:	Single Row Non-Fill Slot
Radial clearance class	CN
dynamic load capacity:	92500 N
Fatigue limit load, Cu	2.7 kN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	5 800 r/min
Manufacturer Item Number	6313
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, T _{min}	-20 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.38 Hz
Characteristic inner ring frequency, BPF _I	4.93 Hz
Characteristic outer ring frequency, BPF _O	3.07 Hz
Characteristic rolling element frequency, BSF	4.07 Hz