



Bearing No. 6013ZNR

f	2.46 mm
C	18,000 mm
d	65,000 mm
D	100,000 mm
B	18,000 mm
f0	15.8
Mass	0.42 kg
Noun	Bearing
Bore	2.559 Inch 65 Millimeter
a min	2.67 mm
a max	2.87 mm
b min	2.7 mm
b max	3 mm
Ca min	5.03 mm
Ca max	5.33 mm
rs min	1.1 mm
ra max	1 mm
D3 max	96.8 mm
r0 max	0.6 mm
D4 max	106.5 mm
Db min	108 mm
Da max	93.5 mm
UNSPSC	31171504
da min	71.5 mm
rNa max	0.5 mm
rNs min	0.5 mm
Category	Single Row Ball Bearing
Enclosure	1 Metal Shield
Snap Ring	Yes

Inventory	0.0
Size (mm)	65x100x18
Nlim (oil)	7,700 rpm
Width (mm)	18,000
Weight / LBS	0.97885
Inch - Metric	Metric
Cage Material	Steel
Nlim (grease)	6,500 rpm
Product Group	B00308
Keyword String	Ball
Other Features	Deep Groove With Snap Ring
Bearing number	6013ZNR
Dynamic load, C	30.5 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Static load, C0	25.2 kN
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.709 Inch 18 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Long Description	65MM Bore; 100MM Outside Diameter; 18MM Outer Race Width; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Ste
Outside Diameter	3.937 Inch 100 Millimeter
Manufacturer Name	NTN
Weight / Kilogram	0.442

Bore Diameter (mm)	65,000
Internal Clearance	C0-Medium
Snap ring reference	R100
Outer Diameter (mm)	100,000
Minimum Buy Quantity	N/A
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	1.15 kN
Internal Special Features	No
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic inner ring frequency, BPFI	8.44 Hz
Characteristic outer ring frequency, BPF0	6.56 Hz
Characteristic rolling element frequency, BSF	7.87 Hz