



Bearing No. 6017ZNR

f	2.82 mm
d	85,000 mm
D	130,000 mm
B	22,000 mm
C	22,000 mm
f0	15.8
Noun	Bearing
Bore	3.346 Inch 85 Millimeter
Mass	0.89 kg
b min	3.1 mm
a min	2.67 mm
b max	3.4 mm
a max	2.87 mm
da min	91.5 mm
UNSPSC	31171504
D4 max	139.7 mm
Da max	123.5 mm
ra max	1 mm
Db min	141.5 mm
r0 max	0.6 mm
rs min	1.1 mm
Ca min	5.39 mm
D3 max	125.22 mm
Ca max	5.69 mm
rNa max	0.5 mm
rNs min	0.5 mm
Category	Single Row Ball Bearing
Inventory	0.0
Snap Ring	Yes

Size (mm)	85x130x22
Enclosure	1 Metal Shield
Nlim (oil)	5,900 rpm
Width (mm)	22,000
Weight / LBS	2.004
Nlim (grease)	5,000 rpm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
Keyword String	Ball
Other Features	Radial With Snap Ring
Bearing number	6017ZNR
Dynamic load, C	49.5 kN
Static load, C0	43 kN
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Long Description	85MM Bore; 130MM Outside Diameter; 22MM 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
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	5.118 Inch 130 Millimeter
Outer Race Width	0.866 Inch 22 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Manufacturer Name	NTN
Weight / Kilogram	0
Internal Clearance	C0-Medium

Bore Diameter (mm)	85,000
Outer Diameter (mm)	130,000
Snap ring reference	R130
Minimum Buy Quantity	N/A
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	1.89 kN
Radial clearance class	CN
Internal Special Features	No
Maximum Capacity / Filling Slot	No
Min operating temperature, Tmin	-20 °C
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	7.84 Hz