



**85,000 mm x 130,000 mm x 22,000 mm NTN  
6017ZNR deep groove ball bearings**

Bearing No. 6017ZNR

6017ZNR Bearing 2D drawings and 3D CAD models

Size	85x130x22 mm
Bore Diameter	85,000 mm
Outer Diameter	130,000 mm
Width	22,000 mm
d	85,000 mm
D	130,000 mm
B	22,000 mm
C	22,000 mm
a min	2.67 mm
a max	2.87 mm
Ca min	5.39 mm
Ca max	5.69 mm
rs min	1.1 mm
rNs min	0.5 mm
D3 max	125.22 mm
b min	3.1 mm
b max	3.4 mm
r0 max	0.6 mm
D4 max	139.7 mm
f	2.82 mm
Snap ring reference	R130
Radial clearance class	CN
Mass	0.89 kg
Dynamic load, C	49.5 kN
Static load, C0	43 kN



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Fatigue limit load, Cu	1.89 kN
f <sub>0</sub>	15.8
Nlim (oil)	5,900 rpm
Nlim (grease)	5,000 rpm
Min operating temperature, T <sub>min</sub>	-20 ° C
Max operating temperature, T <sub>max</sub>	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.84 Hz
Characteristic outer ring frequency, BPF <sub>0</sub>	6.56 Hz
Characteristic inner ring frequency, BPF <sub>I</sub>	8.44 Hz
d <sub>a min</sub>	91.5 mm
D <sub>a max</sub>	123.5 mm
r <sub>a max</sub>	1 mm
r <sub>Na max</sub>	0.5 mm
D <sub>b min</sub>	141.5 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B00308
Enclosure	1 Metal Shield
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	Yes
Internal Special Features	No



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Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
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
Other Features	Radial   With Snap Ring
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Weight / LBS	2.004
Outside Diameter	5.118 Inch   130 Millimeter
Bore	3.346 Inch   85 Millimeter
Outer Race Width	0.866 Inch   22 Millimeter
Inner Race Width	0 Inch   0 Millimeter