



Bearing No. 6217ZNR

C	28,000 mm
D	150,000 mm
f	2.82 mm
B	28,000 mm
d	85,000 mm
f0	14.7
Bore	3.346 Inch 85 Millimeter
Mass	1.79 kg
Noun	Bearing
b max	3.4 mm
a min	4.65 mm
a max	4.9 mm
b min	3.1 mm
Da max	141 mm
ra max	2 mm
da min	94 mm
D4 max	159.7 mm
UNSPSC	31171504
r0 max	0.6 mm
D3 max	145.24 mm
Ca max	7.72 mm
Ca min	7.37 mm
Db min	162 mm
rs min	2 mm
rNs min	0.5 mm
rNa max	0.5 mm
Category	Single Row Ball Bearing
Snap Ring	Yes
Enclosure	1 Metal Shield

Size (mm)	85x150x28
Inventory	0.0
Nlim (oil)	5,000 rpm
bore type:	Round
Width (mm)	28,000
Weight / LBS	3.96832
Cage Material	Steel
Nlim (grease)	4,200 rpm
Product Group	B00308
Inch - Metric	Metric
closure type:	Single Shield
Other Features	Deep Groove With Snap Ring
Bearing number	6217ZNR
Keyword String	Ball
bore diameter:	85 mm
cage material:	Steel
fillet radius:	2 mm
overall width:	28 mm
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Dynamic load, C	83.5 kN
Rolling Element	Ball Bearing
Static load, C0	64 kN
Long Description	85MM Bore; 150MM Outside Diameter; 28MM 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
Inner Race Width	0 Inch 0 Millimeter

Outer Race Width	1.102 Inch 28 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	5.906 Inch 150 Millimeter
precision rating:	ISO Class 0
inner ring width:	28 mm
outer ring width:	28 mm
outside diameter:	150 mm
bearing material:	High Carbon Chrome Steel
Weight / Kilogram	1.852
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	85,000
maximum rpm (oil):	5000 rpm
Snap ring reference	R150
internal clearance:	CN
snap ring included:	With Snap Ring
Outer Diameter (mm)	150,000
Minimum Buy Quantity	N/A
static load capacity:	64000 N
maximum rpm (grease):	4200 rpm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	83500 N
Fatigue limit load, Cu	2.7 kN
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6217ZNR
Internal Special Features	No
manufacturer product	Click here

page:	
operating temperature range:	-40 to 120 °C
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.42 Hz
Characteristic outer ring frequency, BPF0	4.58 Hz
Characteristic inner ring frequency, BRFI	6.42 Hz
Characteristic rolling element frequency, BSF	5.78 Hz