



Bearing No. 6217Z

D	150,000 mm
d	85,000 mm
B	28,000 mm
C	28,000 mm
f0	14.7
Noun	Bearing
Bore	3.346 Inch 85 Millimeter
Mass	1.79 kg
rs min	2 mm
da min	94 mm
UNSPSC	31171504
ra max	2 mm
Da max	141 mm
Category	Single Row Ball Bearing
Enclosure	1 Metal Shield
Inventory	0.0
Snap Ring	No
Size (mm)	85x150x28
Nlim (oil)	5,000 rpm
bore type:	Round
Width (mm)	28,000
Weight / LBS	3.96832
Inch - Metric	Metric
Cage Material	Steel
Nlim (grease)	4,200 rpm
Product Group	B00308
closure type:	Single Shield
cage material:	Steel
Other Features	Deep Groove

Keyword String	Ball
bore diameter:	85 mm
Bearing number	6217Z
overall width:	28 mm
fillet radius:	2 mm
Rolling Element	Ball Bearing
Dynamic load, C	83.5 kN
finish/coating:	Uncoated
Static load, C0	64 kN
Precision Class	ABEC 1 ISO P0
Outside Diameter	5.906 Inch 150 Millimeter
Outer Race Width	1.102 Inch 28 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Long Description	85MM Bore; 150MM Outside Diameter; 28MM Outer Race Width; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stee
Inner Race Width	0 Inch 0 Millimeter
precision rating:	ISO Class 0
outer ring width:	28 mm
outside diameter:	150 mm
inner ring width:	28 mm
Manufacturer Name	NTN
bearing material:	High Carbon Chrome Steel
Weight / Kilogram	1.801
Bore Diameter (mm)	85,000

maximum rpm (oil):	5000 rpm
Internal Clearance	C0-Medium
Outer Diameter (mm)	150,000
internal clearance:	CN
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	4200 rpm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	64000 N
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	2.7 kN
Radial clearance class	CN
dynamic load capacity:	83500 N
Manufacturer Item Number	6217Z
Internal Special Features	No
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic inner ring frequency, BPF1	6.42 Hz
Characteristic outer ring frequency, BPF0	4.58 Hz
Characteristic rolling element frequency, BSF	5.78 Hz