



Bearing No. 6217NR

f	2,82 mm
d	85 mm
D	150 mm
B	28 mm
C	28 mm
a	4,9 mm
b	3,1 mm
D1	145,24 mm
D2	159,7 mm
Cy	7,3 mm
f0	14.7
Cz	2,9 mm
rn	0,5 mm
Dx	162 mm
Noun	Bearing
Bore	3.346 Inch 85 Millimeter
Mass	1.79 kg
b max	3.4 mm
b min	3.1 mm
a min	4.65 mm
a max	4.9 mm
r0 max	0.6 mm
D4 max	159.7 mm
Db min	162 mm
da min	94 mm
D3 max	145.24 mm
Da max	141 mm
rs min	2 mm
Ca max	7.72 mm

Ca min	7.37 mm
ra max	2 mm
UNSPSC	31171504
Weight	1,79 Kg
da max	103 mm
r min.	2 mm
rNa max	0.5 mm
r0 max.	0,6 mm
rNs min	0.5 mm
ra max.	2 mm
Da max.	141 mm
da min.	94 mm
Category	Single Row Ball Bearing
Size (mm)	85x150x28
Inventory	0.0
Enclosure	Open
Snap Ring	Yes
Nlim (oil)	5,000 rpm
bore type:	Round
Width (mm)	28
Weight / LBS	3.95
Product Group	B00308
Inch - Metric	Metric
Nlim (grease)	4,200 rpm
closure type:	Open
Cage Material	Steel
overall width:	28 mm
Keyword String	Ball
Bearing number	6217NR
bore diameter:	85 mm
cage material:	Steel
fillet radius:	2 mm

Static load, C0	64 kN
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Dynamic load, C	83.5 kN
Manufacturer URL	http://www.ntnamerica.com
Outer Race Width	1.102 Inch 28 Millimeter
Outside Diameter	5.906 Inch 150 Millimeter
Long Description	85MM Bore; 150MM Outside Diameter; 28MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features
outer ring width:	28 mm
bearing material:	High Carbon Chrome Steel
precision rating:	ISO Class 0
inner ring width:	28 mm
outside diameter:	150 mm
Weight / Kilogram	1.79
Manufacturer Name	NTN
Bore Diameter (mm)	85
Internal Clearance	C0-Medium
maximum rpm (oil):	5000 rpm
Outer Diameter (mm)	150
Snap ring reference	R150
snap ring included:	With Snap Ring
internal clearance:	CN
Minimum Buy Quantity	N/A
row type & fill slot:	Single Row Non-Fill Slot

maximum rpm (grease):	4200 rpm
static load capacity:	64000 N
Fatigue limit load, Cu	2.7 kN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	83500 N
Radial clearance class	CN
(Oil) Lubrication Speed	5 000 r/min
Manufacturer Item Number	6217NR
Internal Special Features	No
(Grease) Lubrication Speed	4 200 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	64 kN
Basic dynamic load rating (C)	83,5 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
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