



Bearing No. 6217

D	150 mm
d	85 mm
B	28 mm
C	28 mm
f0	14.7
Mass	1.79 kg
Noun	Bearing
Bore	3.346 Inch 85 Millimeter
UNSPSC	31171504
da min	94 mm
Weight	1,79 Kg
rs min	2 mm
Da max	141 mm
r min.	2 mm
ra max	2 mm
da max	103 mm
Da max.	141 mm
ra max.	2 mm
da min.	94 mm
Category	Single Row Ball Bearing
Size (mm)	85x150x28
Snap Ring	No
Enclosure	Open
Inventory	0.0
bore type:	Round
Nlim (oil)	5,000 rpm
Width (mm)	28
Weight / LBS	3.95
Product Group	B00308

Nlim (grease)	4,200 rpm
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	85 mm
Other Features	Deep Groove
overall width:	28 mm
cage material:	Steel
fillet radius:	2 mm
Bearing number	6217
Dynamic load, C	83.5 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Static load, C0	64 kN
finish/coating:	Uncoated
Outer Race Width	1.102 Inch 28 Millimeter
Long Description	85MM Bore; 150MM Outside Diameter; 28MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Outside Diameter	5.906 Inch 150 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Inner Race Width	0 Inch 0 Millimeter
Weight / Kilogram	1.811
outer ring width:	28 mm
bearing material:	High Carbon Chrome

	Steel
outside diameter:	150 mm
precision rating:	Class 0
Manufacturer Name	NTN
inner ring width:	28 mm
Internal Clearance	C0-Medium
maximum rpm (oil):	5000 rpm
Bore Diameter (mm)	85
Outer Diameter (mm)	150
snap ring included:	Without Snap Ring
internal clearance:	CN
Minimum Buy Quantity	N/A
static load capacity:	64000 N
maximum rpm (grease):	4200 rpm
row type & fill slot:	Single Row Non-Fill Slot
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	6217
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 outer ring frequency, BPF0	4.58 Hz
Characteristic inner ring frequency, BPF1	6.42 Hz
Characteristic rolling element frequency, BSF	5.78 Hz