



85 mm x 150 mm x 28 mm NTN 6217NR deep groove ball bearings

Bearing No. 6217NR

6217NR Bearing 2D drawings and 3D CAD models

Size	85x150x28 mm
Bore Diameter	85 mm
Outer Diameter	150 mm
Width	28 mm
d	85 mm
D	150 mm
B	28 mm
C	28 mm
rn	0,5 mm
a	4,9 mm
b	3,1 mm
f	2,82 mm
r min.	2 mm
r0 max.	0,6 mm
D1	145,24 mm
D2	159,7 mm
da min.	94 mm
da max	103 mm
Da max.	141 mm
ra max.	2 mm
Dx	162 mm
Cy	7,3 mm
Cz	2,9 mm
rn	0,5 mm
Weight	1,79 Kg

Basic dynamic load rating (C)	83,5 kN
Basic static load rating (C0)	64 kN
(Grease) Lubrication Speed	4 200 r/min
(Oil) Lubrication Speed	5 000 r/min
a min	4.65 mm
a max	4.9 mm
Ca min	7.37 mm
Ca max	7.72 mm
rs min	2 mm
rNs min	0.5 mm
D3 max	145.24 mm
b min	3.1 mm
b max	3.4 mm
r0 max	0.6 mm
D4 max	159.7 mm
Snap ring reference	R150
Radial clearance class	CN
Mass	1.79 kg
Dynamic load, C	83.5 kN
Static load, C0	64 kN
Fatigue limit load, Cu	2.7 kN
f0	14.7
Nlim (oil)	5,000 rpm
Nlim (grease)	4,200 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.78 Hz
Characteristic outer ring	4.58 Hz



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frequency, BPF0	
Characteristic inner ring frequency, BPF1	6.42 Hz
da min	94 mm
Da max	141 mm
ra max	2 mm
rNa max	0.5 mm
Db min	162 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.79
EAN	4547359372106
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	Yes
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
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
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68



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Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	6217NR
Weight / LBS	3.95
Outside Diameter	5.906 Inch   150 Millimeter
Bore	3.346 Inch   85 Millimeter
Outer Race Width	1.102 Inch   28 Millimeter
bore diameter:	85 mm
precision rating:	ISO Class 0
outside diameter:	150 mm
finish/coating:	Uncoated
overall width:	28 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	28 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	28 mm
snap ring included:	With Snap Ring
maximum rpm (grease):	4200 rpm
internal clearance:	CN
maximum rpm (oil):	5000 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	2 mm
dynamic load capacity:	83500 N
manufacturer product page:	<a href="#">Click here</a>
static load capacity:	64000 N