



**Bearing No. 6219NR**

f	3,1 mm
d	95 mm
D	170 mm
B	32 mm
C	32 mm
a	5,69 mm
b	3,5 mm
D1	163,65 mm
D2	182,9 mm
Cy	8,4 mm
f0	14.4
Cz	3,1 mm
rn	0,5 mm
Dx	185 mm
Noun	Bearing
Bore	3.74 Inch   95 Millimeter
Mass	2.62 kg
b max	3.8 mm
b min	3.5 mm
a min	5.44 mm
a max	5.69 mm
r0 max	0.6 mm
D4 max	182.9 mm
Db min	185 mm
da min	106 mm
D3 max	163.65 mm
Da max	159 mm
rs min	2.1 mm
Ca max	8.79 mm
Ca min	8.54 mm

ra max	2 mm
UNSPSC	31171504
r min.	2,1 mm
Weight	2,62 Kg
da max	116 mm
rNa max	0.5 mm
r0 max.	0,6 mm
rNs min	0.5 mm
ra max.	2 mm
Da max.	159 mm
da min.	106 mm
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	Open
Snap Ring	Yes
Size (mm)	95x170x32
Nlim (oil)	4,400 rpm
Width (mm)	32
Weight / LBS	6.17294
Nlim (grease)	3,700 rpm
Product Group	B00308
Cage Material	Steel
Inch - Metric	Metric
Other Features	Deep Groove   With Snap Ring
Keyword String	Ball
Bearing number	6219NR
Rolling Element	Ball Bearing
Precision Class	ABEC 1   ISO P0
Dynamic load, C	109 kN
Static load, C0	82 kN
Outside Diameter	6.693 Inch   170 Millimeter

Outer Race Width	1.26 Inch   32 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Long Description	95MM Bore; 170MM Outside Diameter; 32MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Manufacturer Name	NTN
Weight / Kilogram	2.7
Bore Diameter (mm)	95
Internal Clearance	C0-Medium
Snap ring reference	R170
Outer Diameter (mm)	170
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	3.25 kN
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
(Oil) Lubrication Speed	4 400 r/min
Internal Special Features	No
(Grease) Lubrication Speed	3 700 r/min
Basic static load rating (C0)	82 kN
Basic dynamic load rating (C)	109 kN
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No

Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic outer ring frequency, BPF0	4.1 Hz
Characteristic inner ring frequency, BPF1	5.9 Hz
Characteristic rolling element frequency, BSF	5.38 Hz