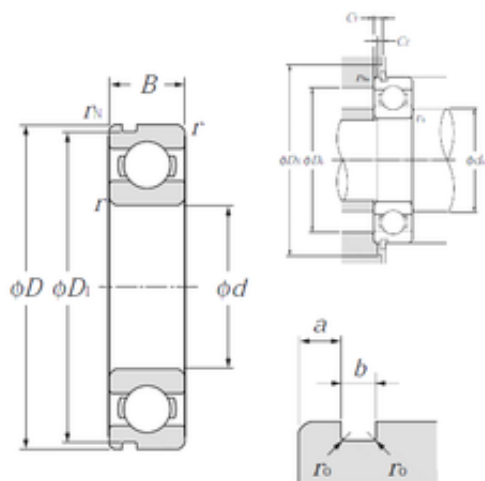




Bearing No. 6210N

D	90 mm
d	50 mm
B	20 mm
C	20 mm
a	3,28 mm
b	2,7 mm
f0	14.4
D1	86,79 mm
Cz	2,5 mm
rn	0,5 mm
Cy	5,4 mm
Dx	98 mm
Noun	Bearing
Mass	0.45 kg
Bore	1.969 Inch 50 Millimeter
b min	2.7 mm
a min	3.07 mm
b max	3 mm
a max	3.28 mm
da max	60 mm
ra max	1 mm
r0 max	0.6 mm
da min	56.5 mm
D3 max	86.79 mm
rs min	1.1 mm
Da max	83.5 mm
Weight	0,454 Kg
r min.	1,1 mm
UNSPSC	31171504

da min.	56,5 mm
Da max.	83,5 mm
ra max.	1 mm
rNs min	0.5 mm
rNa max	0.5 mm
r0 max.	0,6 mm
Category	Single Row Ball Bearing
Size (mm)	50x90x20
Inventory	0.0
Snap Ring	Yes
Enclosure	Open
Nlim (oil)	8,300 rpm
Width (mm)	20
Weight / LBS	1.0229
Product Group	B00308
Nlim (grease)	7,100 rpm
Cage Material	Steel
Inch - Metric	Metric
Keyword String	Ball
Other Features	Deep Groove With Snap Ring Groove
Bearing number	6210N
Dynamic load, C	35 kN
Static load, C0	23.2 kN
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Manufacturer URL	http://www.ntnamerica.com
Long Description	50MM Bore; 90MM Outside Diameter; 20MM 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
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	3.543 Inch 90 Millimeter
Outer Race Width	0.787 Inch 20 Millimeter
Weight / Kilogram	0.449
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	50
Outer Diameter (mm)	90
Minimum Buy Quantity	N/A
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	1.05 kN
Radial clearance class	CN
(Oil) Lubrication Speed	8 300 r/min
Internal Special Features	No
(Grease) Lubrication Speed	7 100 r/min
Basic static load rating (C0)	23,2 kN
Basic dynamic load rating (C)	35 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 inner ring frequency, BPFI	5.91 Hz

Characteristic outer ring frequency, BPF0	4.09 Hz
Characteristic rolling element frequency, BSF	5.33 Hz