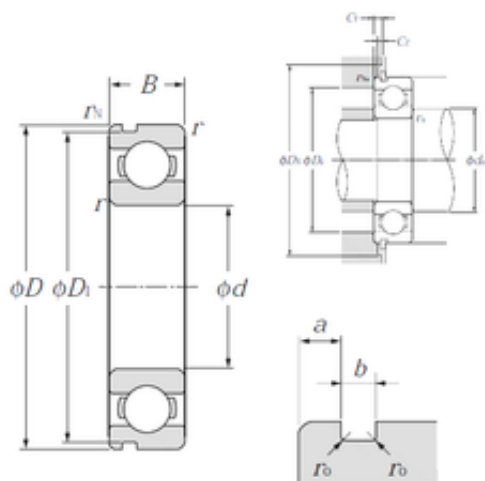




Bearing No. 6310N

D	110 mm
d	50 mm
B	27 mm
C	27 mm
a	3,28 mm
b	2,7 mm
f0	13.2
D1	106,81 mm
Cz	2,5 mm
rn	0,5 mm
Cy	5,4 mm
Dx	118 mm
Noun	Bearing
Mass	1.07 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	68,5 mm
ra max	2 mm
r0 max	0.6 mm
da min	59 mm
D3 max	106.81 mm
rs min	2 mm
Da max	101 mm
Weight	1,07 Kg
r min.	2 mm
UNSPSC	31171504

da min.	59 mm
Da max.	101 mm
ra max.	2 mm
rNs min	0.5 mm
rNa max	0.5 mm
r0 max.	0,6 mm
Category	Single Row Ball Bearing
Size (mm)	50x110x27
Inventory	0.0
Snap Ring	Yes
Enclosure	Open
Nlim (oil)	7,500 rpm
Width (mm)	27
Weight / LBS	2.35894
Product Group	B00308
Nlim (grease)	6,400 rpm
Cage Material	Steel
Inch - Metric	Metric
Keyword String	Ball
Other Features	Deep Groove With Snap Ring Groove
Bearing number	6310N
Dynamic load, C	62 kN
Static load, C0	38.5 kN
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Manufacturer URL	http://www.ntnamerica.com
Long Description	50MM Bore; 110MM Outside Diameter; 27MM 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
Outside Diameter	4.331 Inch 110 Millimeter
Outer Race Width	1.063 Inch 27 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Weight / Kilogram	1.04
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	50
Outer Diameter (mm)	110
Minimum Buy Quantity	N/A
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	1.75 kN
Radial clearance class	CN
(Oil) Lubrication Speed	7 500 r/min
Internal Special Features	No
(Grease) Lubrication Speed	6 400 r/min
Basic static load rating (C0)	38,5 kN
Basic dynamic load rating (C)	62 kN
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic inner ring frequency, BPFI	4.93 Hz

Characteristic outer ring frequency, BPF0	3.07 Hz
Characteristic rolling element frequency, BSF	4.07 Hz