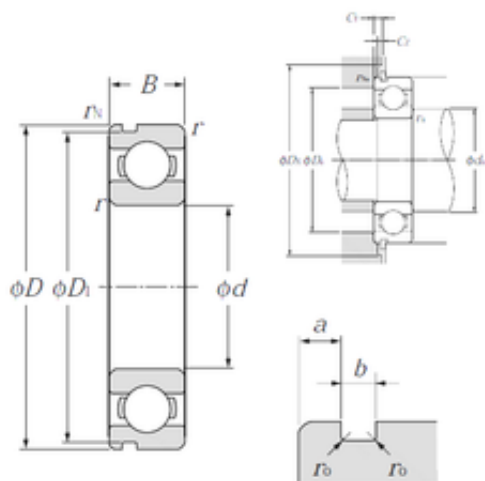




Bearing No. 6010N

D	80 mm
d	50 mm
B	16 mm
C	16 mm
a	2,49 mm
b	1,9 mm
f0	15.5
D1	76,81 mm
Cz	1,7 mm
Cy	3,8 mm
rn	0,5 mm
Dx	88 mm
Mass	0.26 kg
Noun	Bearing
Bore	1.969 Inch 50 Millimeter
b max	2.2 mm
b min	1.9 mm
a max	2.49 mm
a min	2.29 mm
Da max	75 mm
UNSPSC	31171504
ra max	1 mm
r0 max	0.6 mm
rs min	1 mm
D3 max	76.81 mm
da min	55 mm
r min.	1 mm
da max	57,5 mm
Weight	0,261 Kg

rNa max	0.5 mm
Da max.	75 mm
ra max.	1 mm
r0 max.	0,6 mm
da min.	55 mm
rNs min	0.5 mm
Category	Single Row Ball Bearing
Snap Ring	Yes
Enclosure	Open
Size (mm)	50x80x16
Inventory	0.0
Width (mm)	16
Nlim (oil)	9,800 rpm
Weight / LBS	0.58202
Inch - Metric	Metric
Nlim (grease)	8,400 rpm
Product Group	B00308
Cage Material	Steel
Other Features	Deep Groove With Snap Ring Groove
Keyword String	Ball
Bearing number	6010N
Dynamic load, C	21.8 kN
Precision Class	ABEC 1 ISO P0
Static load, C0	16.6 kN
Rolling Element	Ball Bearing
Outer Race Width	0.63 Inch 16 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Long Description	50MM Bore; 80MM Outside Diameter; 16MM 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	3.15 Inch 80 Millimeter
Manufacturer Name	NTN
Weight / Kilogram	0.268
Bore Diameter (mm)	50
Internal Clearance	C0-Medium
Outer Diameter (mm)	80
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	0.75 kN
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
(Oil) Lubrication Speed	9 800 r/min
Internal Special Features	No
(Grease) Lubrication Speed	8 400 r/min
Basic static load rating (C0)	16,6 kN
Basic dynamic load rating (C)	21,8 kN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.43 Hz
Characteristic outer ring frequency, BPF0	6.06 Hz
Characteristic inner ring frequency, BPFI	7.94 Hz

Characteristic rolling element frequency, BSF	7.31 Hz
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