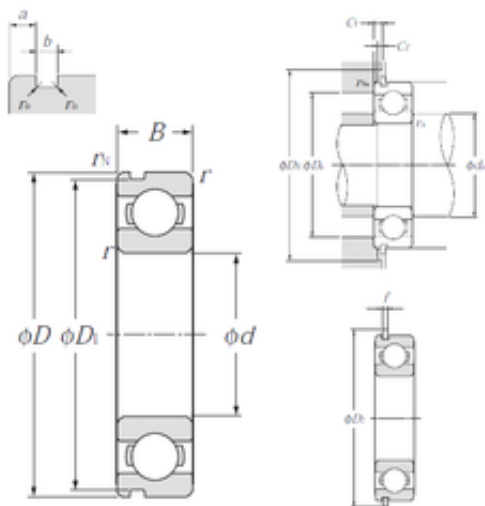




Bearing No. 6010NR

b	1,9 mm
d	50 mm
D	80 mm
B	16 mm
C	16 mm
f	1,7 mm
a	2,49 mm
D1	76,81 mm
D2	86,6 mm
Cy	3,8 mm
f0	15.5
rn	0,5 mm
Dx	88 mm
Cz	1,7 mm
Bore	1.969 Inch 50 Millimeter
Noun	Bearing
Mass	0.26 kg
b max	2.2 mm
b min	1.9 mm
a min	2.29 mm
a max	2.49 mm
UNSPSC	31171504
D4 max	86.6 mm
Db min	88 mm
da min	55 mm
D3 max	76.81 mm
Da max	75 mm
rs min	1 mm
Ca max	4.19 mm

Ca min	3.89 mm
r0 max	0.6 mm
ra max	1 mm
da max	57,5 mm
r min.	1 mm
Weight	0,261 Kg
series:	60
r0 max.	0,6 mm
da min.	55 mm
rNa max	0.5 mm
Da max.	75 mm
rNs min	0.5 mm
ra max.	1 mm
Category	Single Row Ball Bearing
Size (mm)	50x80x16
Inventory	0.0
Enclosure	Open
Snap Ring	Yes
Nlim (oil)	9,800 rpm
bore type:	Round
Width (mm)	16
Weight / LBS	0.552
maximum rpm:	9800 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
closure type:	Open
Nlim (grease)	8,400 rpm
Keyword String	Ball
Bearing number	6010NR
fillet radius:	1 mm
cage material:	Steel

overall width:	16 mm
bore diameter:	50 mm
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Dynamic load, C	21.8 kN
Static load, C0	16.6 kN
Outer Race Width	0.63 Inch 16 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	3.15 Inch 80 Millimeter
Long Description	50MM Bore; 80MM Outside Diameter; 16MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features
bearing material:	High Carbon Chrome Steel
inner ring width:	16 mm
outer ring width:	16 mm
outside diameter:	80 mm
precision rating:	ISO Class 0
Weight / Kilogram	0.25
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	50
maximum rpm (oil):	9800 rpm
internal clearance:	CN
Snap ring reference	R80
snap ring included:	With Snap Ring
Outer Diameter (mm)	80
Minimum Buy Quantity	N/A

row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	8400 rpm
static load capacity:	16600 N
dynamic load capacity:	21800 N
Fatigue limit load, Cu	0.75 kN
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	9 800 r/min
Manufacturer Item Number	6010NR
Internal Special Features	No
(Grease) Lubrication Speed	8 400 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
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, BPF1	7.94 Hz
Characteristic rolling element frequency, BSF	7.31 Hz