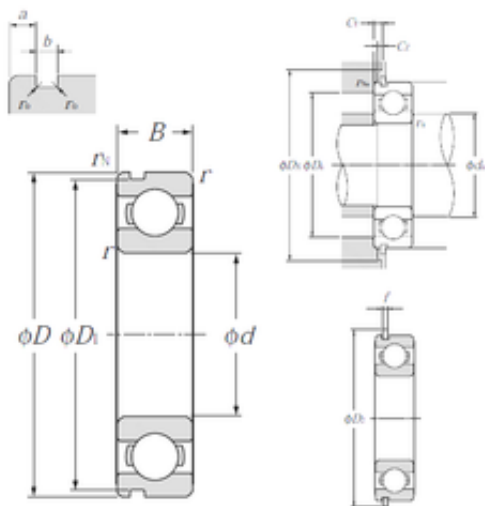




Bearing No. 6014NR

f	2,46 mm
d	70 mm
D	110 mm
B	20 mm
C	20 mm
a	2,87 mm
b	2,7 mm
D1	106,81 mm
D2	116,6 mm
Cy	5 mm
f0	15.6
Cz	2,5 mm
rn	0,5 mm
Dx	118 mm
Noun	Bearing
Bore	2.756 Inch 70 Millimeter
Mass	0.6 kg
b max	3 mm
b min	2.7 mm
a min	2.67 mm
a max	2.87 mm
r0 max	0.6 mm
D4 max	116.6 mm
Db min	118 mm
da min	76.5 mm
D3 max	106.81 mm
Da max	103.5 mm
rs min	1.1 mm
Ca max	5.33 mm

Ca min	5.03 mm
ra max	1 mm
UNSPSC	31171504
Weight	0,604 Kg
da max	80,5 mm
r min.	1,1 mm
rNa max	0.5 mm
r0 max.	0,6 mm
rNs min	0.5 mm
ra max.	1 mm
Da max.	103,5 mm
da min.	76,5 mm
Category	Single Row Ball Bearing
Size (mm)	70x110x20
Inventory	0.0
Enclosure	Open
Snap Ring	Yes
Nlim (oil)	7,100 rpm
bore type:	Round
Width (mm)	20
Weight / LBS	1.33
Product Group	B00308
Inch - Metric	Metric
Nlim (grease)	6,100 rpm
closure type:	Open
Cage Material	Steel
overall width:	20 mm
Keyword String	Ball
Bearing number	6014NR
bore diameter:	70 mm
cage material:	Steel
fillet radius:	1.1 mm

Static load, C0	31 kN
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Dynamic load, C	38 kN
Manufacturer URL	http://www.ntnamerica.com
Outer Race Width	0.787 Inch 20 Millimeter
Outside Diameter	4.331 Inch 110 Millimeter
Long Description	70MM Bore; 110MM Outside Diameter; 20MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features
outer ring width:	20 mm
bearing material:	High Carbon Chrome Steel
precision rating:	ISO Class 0
inner ring width:	20 mm
outside diameter:	110 mm
Weight / Kilogram	0.6
Manufacturer Name	NTN
Bore Diameter (mm)	70
Internal Clearance	C0-Medium
maximum rpm (oil):	7100 rpm
Outer Diameter (mm)	110
Snap ring reference	R110
snap ring included:	With Snap Ring
internal clearance:	CN
Minimum Buy Quantity	N/A
row type & fill slot:	Single Row Non-Fill Slot

maximum rpm (grease):	6100 rpm
static load capacity:	31000 N
Fatigue limit load, Cu	1.41 kN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	38000 N
Radial clearance class	CN
(Oil) Lubrication Speed	7 100 r/min
Manufacturer Item Number	6014NR
Internal Special Features	No
(Grease) Lubrication Speed	6 100 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	31 kN
Basic dynamic load rating (C)	38 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.43 Hz
Characteristic inner ring frequency, BPFI	7.93 Hz
Characteristic outer ring frequency, BPF0	6.07 Hz
Characteristic rolling element frequency, BSF	7.43 Hz