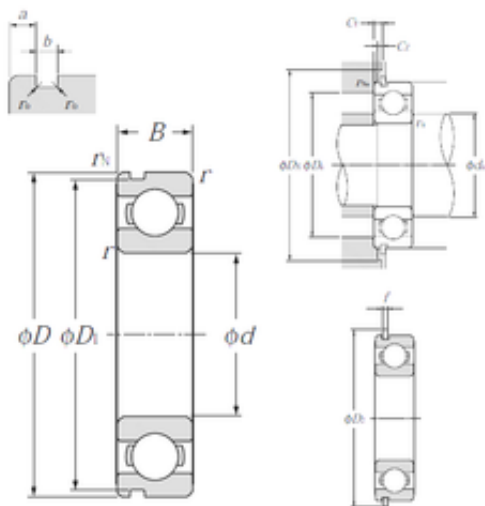




Bearing No. 6311NR

f	2,82 mm
d	55 mm
D	120 mm
B	29 mm
C	29 mm
a	4,06 mm
b	3,1 mm
f0	13.2
Cy	6,5 mm
D2	129,7 mm
D1	115,21 mm
Cz	2,9 mm
rn	0,5 mm
Dx	131,5 mm
Noun	Bearing
Mass	1.37 kg
Bore	2.165 Inch 55 Millimeter
b max	3.4 mm
a max	4.06 mm
a min	3.86 mm
b min	3.1 mm
D4 max	129.7 mm
da max	74 mm
D3 max	115.21 mm
da min	64 mm
Weight	1,37 Kg
r0 max	0.6 mm
r min.	2 mm
UNSPSC	31171504

Da max	111 mm
Db min	131.5 mm
ra max	2 mm
Ca min	6.58 mm
Ca max	6.88 mm
rs min	2 mm
rNa max	0.5 mm
rNs min	0.5 mm
ra max.	2 mm
r0 max.	0,6 mm
Da max.	111 mm
da min.	64 mm
Category	Single Row Ball Bearing
Inventory	0.0
Size (mm)	55x120x29
Snap Ring	Yes
Enclosure	Open
Width (mm)	29
bore type:	Round
Nlim (oil)	6,800 rpm
Weight / LBS	3.045
Product Group	B00308
Nlim (grease)	5,800 rpm
closure type:	Open
Cage Material	Steel
Inch - Metric	Metric
Other Features	Deep Groove With Snap Ring
overall width:	29 mm
Keyword String	Ball
Bearing number	6311NR
bore diameter:	55 mm
cage material:	Steel

fillet radius:	2 mm
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Dynamic load, C	71.5 kN
Rolling Element	Ball Bearing
Static load, C0	45 kN
Long Description	55MM Bore; 120MM Outside Diameter; 29MM 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	4.724 Inch 120 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	1.142 Inch 29 Millimeter
Manufacturer URL	http://www.ntnamerica.com
outer ring width:	29 mm
outside diameter:	120 mm
precision rating:	ISO Class 0
Weight / Kilogram	1.382
inner ring width:	29 mm
bearing material:	High Carbon Chrome Steel
Manufacturer Name	NTN
Bore Diameter (mm)	55
Internal Clearance	C0-Medium
maximum rpm (oil):	6800 rpm
Snap ring reference	R120
Outer Diameter (mm)	120

internal clearance:	CN
snap ring included:	With Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	5800 rpm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	45000 N
Fatigue limit load, Cu	2.05 kN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	71500 N
Radial clearance class	CN
(Oil) Lubrication Speed	6 800 r/min
Manufacturer Item Number	6311NR
Internal Special Features	No
(Grease) Lubrication Speed	5 800 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	45 kN
Basic dynamic load rating (C)	71,5 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.38 Hz
Characteristic outer ring frequency, BPF0	3.07 Hz
Characteristic inner ring	4.93 Hz

frequency, BPFI	
Characteristic rolling element frequency, BSF	4.08 Hz