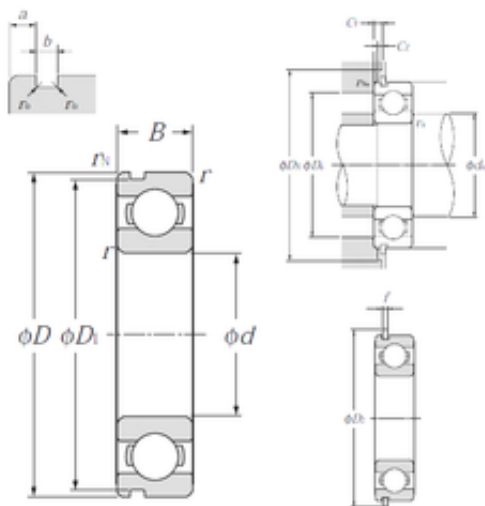




Bearing No. 6011NR

a	2,87 mm
b	2,7 mm
d	55 mm
D	90 mm
B	18 mm
C	18 mm
f	2,46 mm
f0	15.3
D2	96,5 mm
Cy	5 mm
Cz	2,5 mm
D1	86,79 mm
Dx	98 mm
rn	0,5 mm
Noun	Bearing
Bore	2.165 Inch 55 Millimeter
Mass	0.39 kg
b max	3 mm
b min	2.7 mm
a min	2.67 mm
a max	2.87 mm
D4 max	96.5 mm
Ca max	5.33 mm
UNSPSC	31171504
r0 max	0.6 mm
Da max	83.5 mm
ra max	1 mm
D3 max	86.79 mm
rs min	1.1 mm

Db min	98 mm
da min	61.5 mm
Ca min	5.03 mm
Weight	0,388 Kg
da max	64 mm
r min.	1,1 mm
r0 max.	0,6 mm
rNs min	0.5 mm
series:	60
ra max.	1 mm
rNa max	0.5 mm
Da max.	83,5 mm
da min.	61,5 mm
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	55x90x18
Snap Ring	Yes
Width (mm)	18
Nlim (oil)	9,000 rpm
bore type:	Round
maximum rpm:	9000 RPM
Weight / LBS	0.893
Nlim (grease)	7,700 rpm
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Product Group	B00308
cage material:	Steel
Other Features	Deep Groove With Snap Ring
Keyword String	Ball
bore diameter:	55 mm

overall width:	18 mm
fillet radius:	1.1 mm
Bearing number	6011NR
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Dynamic load, C	28.3 kN
Static load, C0	21.2 kN
Outer Race Width	0.709 Inch 18 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	3.543 Inch 90 Millimeter
Long Description	55MM Bore; 90MM Outside Diameter; 18MM 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
Inner Race Width	0 Inch 0 Millimeter
outer ring width:	18 mm
inner ring width:	18 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	90 mm
Weight / Kilogram	0.405
precision rating:	ISO Class 0
Manufacturer Name	NTN
maximum rpm (oil):	9000 rpm
Bore Diameter (mm)	55
Internal Clearance	C0-Medium

Snap ring reference	R90
internal clearance:	CN
snap ring included:	With Snap Ring
Outer Diameter (mm)	90
Minimum Buy Quantity	N/A
static load capacity:	21200 N
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	7700 rpm
Radial clearance class	CN
dynamic load capacity:	28300 N
Fatigue limit load, Cu	0.96 kN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	9 000 r/min
Manufacturer Item Number	6011NR
Internal Special Features	No
(Grease) Lubrication Speed	7 700 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	21,2 kN
Basic dynamic load rating (C)	28,3 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 inner ring	7.42 Hz

frequency, BPFI	
Characteristic outer ring frequency, BPF0	5.58 Hz
Characteristic rolling element frequency, BSF	6.88 Hz