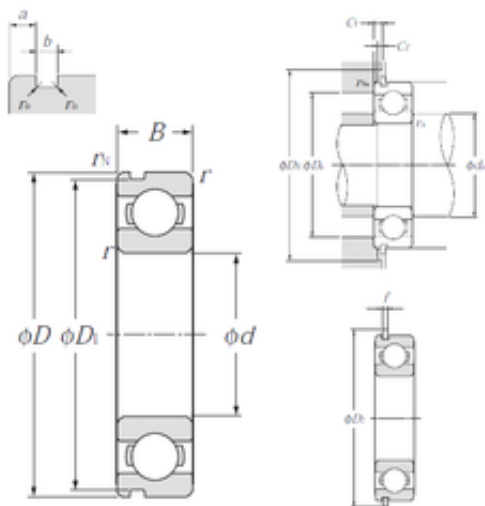




Bearing No. 6012NR

b	2,7 mm
d	60 mm
D	95 mm
B	18 mm
C	18 mm
f	2,46 mm
a	2,87 mm
D1	91,82 mm
D2	101,6 mm
Cy	5 mm
f0	15.6
rn	0,5 mm
Dx	103 mm
Cz	2,5 mm
Bore	2.362 Inch 60 Millimeter
Noun	Bearing
Mass	0.41 kg
b max	3 mm
b min	2.7 mm
a min	2.67 mm
a max	2.87 mm
UNSPSC	31171504
D4 max	101.6 mm
Db min	103 mm
da min	66.5 mm
D3 max	91.82 mm
Da max	88.5 mm
rs min	1.1 mm
Ca max	5.33 mm

Ca min	5.13 mm
r0 max	0.6 mm
ra max	1 mm
da max	69 mm
r min.	1,1 mm
Weight	0,414 Kg
series:	60
r0 max.	0,6 mm
da min.	66,5 mm
rNa max	0.5 mm
Da max.	88,5 mm
rNs min	0.5 mm
ra max.	1 mm
Category	Single Row Ball Bearing
Size (mm)	60x95x18
Inventory	0.0
Enclosure	Open
Snap Ring	Yes
Nlim (oil)	8,300 rpm
bore type:	Round
Width (mm)	18
Weight / LBS	0.915
maximum rpm:	8300 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
closure type:	Open
Nlim (grease)	7,000 rpm
Keyword String	Ball
Bearing number	6012NR
fillet radius:	1.1 mm
cage material:	Steel

overall width:	18 mm
bore diameter:	60 mm
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Dynamic load, C	29.5 kN
Static load, C0	23.2 kN
Outside Diameter	3.74 Inch 95 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Outer Race Width	0.709 Inch 18 Millimeter
Long Description	60MM Bore; 95MM Outside Diameter; 18MM 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
outside diameter:	95 mm
inner ring width:	18 mm
outer ring width:	18 mm
precision rating:	ISO Class 0
Weight / Kilogram	0.42
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	60
maximum rpm (oil):	8300 rpm
internal clearance:	CN
Snap ring reference	R95
snap ring included:	With Snap Ring
Outer Diameter (mm)	95

Minimum Buy Quantity	N/A
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	7000 rpm
static load capacity:	23200 N
dynamic load capacity:	29500 N
Fatigue limit load, Cu	1.05 kN
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	8 300 r/min
Manufacturer Item Number	6012NR
Internal Special Features	No
(Grease) Lubrication Speed	7 000 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	23,2 kN
Basic dynamic load rating (C)	29,5 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	6.07 Hz
Characteristic inner ring frequency, BPFI	7.93 Hz
Characteristic rolling	7.38 Hz

element frequency, BSF	
------------------------	--