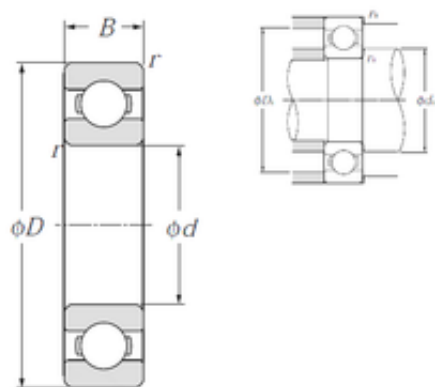




Bearing No. 6011

D	90 mm
d	55 mm
B	18 mm
C	18 mm
f0	15.3
Mass	0.39 kg
Bore	2.165 Inch 55 Millimeter
Noun	Bearing
Weight	0,388 Kg
rs min	1.1 mm
Da max	83.5 mm
da min	61.5 mm
UNSPSC	31171504
r min.	1,1 mm
ra max	1 mm
da max	64 mm
Da max.	83,5 mm
ra max.	1 mm
da min.	61,5 mm
series:	60
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	55x90x18
Snap Ring	No
Nlim (oil)	9,000 rpm
Width (mm)	18
bore type:	Round
Weight / LBS	0.855

maximum rpm:	9000 RPM
Cage Material	Steel
Nlim (grease)	7,700 rpm
closure type:	Open
Product Group	B00308
Inch - Metric	Metric
Bearing number	6011
Other Features	Deep Groove
Keyword String	Ball
bore diameter:	55 mm
overall width:	18 mm
cage material:	Steel
fillet radius:	1.1 mm
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Static load, C0	21.2 kN
Dynamic load, C	28.3 kN
Manufacturer URL	http://www.ntnamerica.com
Long Description	55MM Bore; 90MM Outside Diameter; 18MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Outer Race Width	0.709 Inch 18 Millimeter
Outside Diameter	3.543 Inch 90 Millimeter
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	0.39
precision rating:	Class 0
Manufacturer Name	NTN
Bore Diameter (mm)	55
Internal Clearance	C0-Medium
maximum rpm (oil):	9000 rpm
snap ring included:	Without Snap Ring
Outer Diameter (mm)	90
internal clearance:	CN
Minimum Buy Quantity	N/A
static load capacity:	21200 N
maximum rpm (grease):	7700 rpm
row type & fill slot:	Single Row Non-Fill Slot
Radial clearance class	CN
dynamic load capacity:	28300 N
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	0.96 kN
(Oil) Lubrication Speed	9 000 r/min
Manufacturer Item Number	6011
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
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	7.42 Hz
Characteristic outer ring frequency, BPF0	5.58 Hz
Characteristic rolling element frequency, BSF	6.88 Hz