



## NTN Bearing Rolamentos do Brasil Ltda.

55 mm x 90 mm x 18 mm NTN 6011LLBC3/5C  
Single row deep groove ball bearings

Bearing No. 6011LLBC3/5C

d	55 mm
D	90 mm
B	18 mm
rs min	1.1 mm
Radial clearance class	C3
Mass	0.39 kg
Dynamic load, C	28.3 kN
Static load, C0	21.2 kN
Fatigue limit load, Cu	0.96 kN
f0	15.3
Nlim (grease)	7,700 rpm
Min operating temperature, Tmin	-25 ° C
Max operating temperature, Tmax	110 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.88 Hz
Characteristic outer ring frequency, BPF0	5.58 Hz
Characteristic inner ring frequency, BPF1	7.42 Hz
da min	61.5 mm
da max	64 mm
Da max	83.5 mm
ra max	1 mm

6011LLBC3/5C Bearing 2D drawings and 3D CAD models



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Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.388
Product Group	B00308
Enclosure	2 Seals
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Enclosure Type	Non-Contact Seal
Internal Clearance	C3-Loose
Inch - Metric	Metric
Long Description	55MM Bore; 90MM Outside Diameter; 18MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	6011LLBC3/5C
Weight / LBS	0.849
Bore	2.165 Inch   55 Millimeter
Outer Race Width	0.709 Inch   18 Millimeter



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Outside Diameter	3.543 Inch   90 Millimeter
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