



Bearing No. 6011LU

D	90,000 mm
d	55,000 mm
B	18,000 mm
C	18,000 mm
f0	15.3
Bore	2.165 Inch 55 Millimeter
Noun	Bearing
Mass	0.39 kg
UNSPSC	31171504
ra max	1 mm
rs min	1.1 mm
Da max	83.5 mm
da max	64 mm
da min	61.5 mm
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	55x90x18
Enclosure	1 Seal
Inventory	0.0
Width (mm)	18,000
Weight / LBS	0.85539
Inch - Metric	Metric
Cage Material	Steel
Nlim (grease)	4,500 rpm
Product Group	B00308
Bearing number	6011LU
Enclosure Type	Contact Seal
Other Features	Deep Groove Double Lip Friction Nitrile Rubber Seal -20 To

	120 Deg C
Keyword String	Ball
Rolling Element	Ball Bearing
Dynamic load, C	28.3 kN
Static load, C0	21.2 kN
Precision Class	ABEC 1 ISO P0
Outer Race Width	0.709 Inch 18 Millimeter
Long Description	55MM Bore; 90MM Outside Diameter; 18MM Outer Race Width; 1 Seal; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage; C
Manufacturer URL	http://www.ntnamerica.com
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	3.543 Inch 90 Millimeter
Weight / Kilogram	0.376
Manufacturer Name	NTN
Bore Diameter (mm)	55,000
Internal Clearance	C0-Medium
Outer Diameter (mm)	90,000
Minimum Buy Quantity	N/A
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	0.96 kN
Radial clearance class	CN
Internal Special Features	No
Max operating temperature, Tmax	110 °C

Min operating temperature, Tmin	-25 °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