



Bearing No. 6218LU

D	160,000 mm
d	90,000 mm
B	30,000 mm
C	30,000 mm
f0	14.5
Bore	3.543 Inch 90 Millimeter
Noun	Bearing
Mass	2.15 kg
UNSPSC	31171504
ra max	2 mm
rs min	2 mm
Da max	151 mm
da max	109 mm
da min	99 mm
Category	Single Row Ball Bearing
Enclosure	1 Seal
Snap Ring	No
Size (mm)	90x160x30
Inventory	0.0
Width (mm)	30,000
Weight / LBS	4.74
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
Nlim (grease)	2,600 rpm
Bearing number	6218LU
Keyword String	Ball
Enclosure Type	Contact Seal
Rolling Element	Ball Bearing

Precision Class	ABEC 1 ISO P0
Static load, C0	71.5 kN
Dynamic load, C	96 kN
Long Description	90MM Bore; 160MM Outside Diameter; 30MM Outer Race Diameter; 1 Seal; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	1.181 Inch 30 Millimeter
Outside Diameter	6.299 Inch 160 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Name	NTN
Weight / Kilogram	2.15
Bore Diameter (mm)	90,000
Internal Clearance	C3-Loose
Outer Diameter (mm)	160,000
Minimum Buy Quantity	N/A
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	2.9 kN
Radial clearance class	CN
Manufacturer Item Number	6218LU
Internal Special Features	No
Max operating temperature, Tmax	110 °C
Min operating temperature, Tmin	-25 °C
Maximum Capacity / Filling Slot	No
Characteristic cage	0.41 Hz

frequency, FTF	
Characteristic outer ring frequency, BPF0	4.11 Hz
Characteristic inner ring frequency, BPF1	5.89 Hz
Characteristic rolling element frequency, BSF	5.45 Hz