



Bearing No. 6218Z

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 min	99 mm
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	90x160x30
Inventory	0.0
Enclosure	1 Metal Shield
Nlim (oil)	4,700 rpm
Width (mm)	30,000
Weight / LBS	4.7
Product Group	B00308
Nlim (grease)	4,000 rpm
Inch - Metric	Metric
Cage Material	Steel
Bearing number	6218Z
Keyword String	Ball
Other Features	Deep Groove
Rolling Element	Ball Bearing

Static load, C0	71.5 kN
Precision Class	ABEC 1 ISO P0
Dynamic load, C	96 kN
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	1.181 Inch 30 Millimeter
Outside Diameter	6.299 Inch 160 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Long Description	90MM Bore; 160MM Outside Diameter; 30MM Outer Race Width; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stee
Weight / Kilogram	2.134
Manufacturer Name	NTN
Bore Diameter (mm)	90,000
Internal Clearance	C0-Medium
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	6218Z
Internal Special Features	No
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C

Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.41 Hz
Characteristic outer ring frequency, BPF0	4.11 Hz
Characteristic inner ring frequency, BPF1	5.89 Hz
Characteristic rolling element frequency, BSF	5.45 Hz