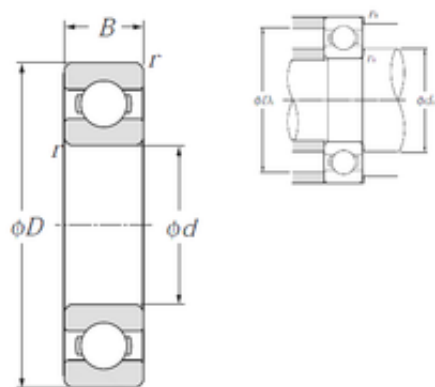




Bearing No. 6218

D	160 mm
d	90 mm
B	30 mm
C	30 mm
f0	14.5
Mass	2.15 kg
Bore	3.543 Inch 90 Millimeter
Noun	Bearing
Weight	2,15 Kg
rs min	2 mm
Da max	151 mm
da min	99 mm
UNSPSC	31171504
r min.	2 mm
ra max	2 mm
da max	109 mm
Da max.	151 mm
ra max.	2 mm
da min.	99 mm
series:	62
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	90x160x30
Snap Ring	No
Nlim (oil)	4,700 rpm
Width (mm)	30
bore type:	Round
Weight / LBS	4.74

maximum rpm:	4700 RPM
Cage Material	Steel
Nlim (grease)	4,000 rpm
closure type:	Open
Product Group	B00308
Inch - Metric	Metric
Bearing number	6218
Other Features	Deep Groove
Keyword String	Ball
bore diameter:	90 mm
overall width:	30 mm
cage material:	Steel
fillet radius:	2 mm
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Static load, C0	71.5 kN
Dynamic load, C	96 kN
Manufacturer URL	http://www.ntnamerica.com
Long Description	90MM Bore; 160MM Outside Diameter; 30MM 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
Outside Diameter	6.299 Inch 160 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	1.181 Inch 30 Millimeter
outer ring width:	30 mm

inner ring width:	30 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	160 mm
Weight / Kilogram	2.144
precision rating:	Class 0
Manufacturer Name	NTN
Bore Diameter (mm)	90
Internal Clearance	C0-Medium
maximum rpm (oil):	4700 rpm
snap ring included:	Without Snap Ring
Outer Diameter (mm)	160
internal clearance:	CN
Minimum Buy Quantity	N/A
static load capacity:	71500 N
maximum rpm (grease):	4000 rpm
row type & fill slot:	Single Row Non-Fill Slot
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
dynamic load capacity:	96000 N
Fatigue limit load, Cu	2.9 kN
(Oil) Lubrication Speed	4 700 r/min
Manufacturer Item Number	6218
Internal Special Features	No
(Grease) Lubrication Speed	4 000 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	71,5 kN

Basic dynamic load rating (C)	96 kN
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 inner ring frequency, BPFI	5.89 Hz
Characteristic outer ring frequency, BPF0	4.11 Hz
Characteristic rolling element frequency, BSF	5.45 Hz