



## FAG BEARING CORP LTD.



6218Z Bearing 2D drawings and 3D CAD models

90,000 mm x 160,000 mm x 30,000 mm NTN  
6218Z deep groove ball bearings

Bearing No. 6218Z

Size	90x160x30 mm
Bore Diameter	90,000 mm
Outer Diameter	160,000 mm
Width	30,000 mm
d	90,000 mm
D	160,000 mm
B	30,000 mm
C	30,000 mm
rs min	2 mm
Radial clearance class	CN
Mass	2.15 kg
Dynamic load, C	96 kN
Static load, C0	71.5 kN
Fatigue limit load, Cu	2.9 kN
f0	14.5
Nlim (oil)	4,700 rpm
Nlim (grease)	4,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.45 Hz
Characteristic outer ring frequency, BPF0	4.11 Hz



## FAG BEARING CORP LTD.

Characteristic inner ring frequency, BPFI	5.89 Hz
da min	99 mm
Da max	151 mm
ra max	2 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	2.134
EAN	4547359372656
Product Group	B00308
Enclosure	1 Metal Shield
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
Internal Clearance	C0-Medium
Inch - Metric	Metric
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
Other Features	Deep Groove
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68



## FAG BEARING CORP LTD.

Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	6218Z
Weight / LBS	4.7
Outside Diameter	6.299 Inch   160 Millimeter
Outer Race Width	1.181 Inch   30 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Bore	3.543 Inch   90 Millimeter