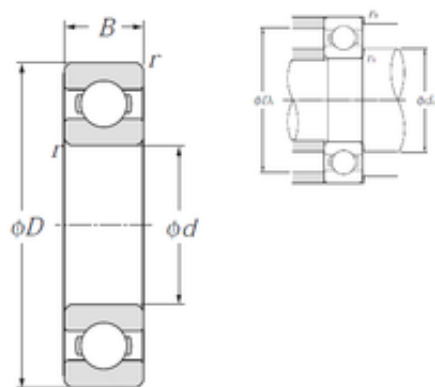




Bearing No. 6318

D	190 mm
d	90 mm
B	43 mm
C	43 mm
f0	13.3
Mass	4.91 kg
Bore	3.543 Inch 90 Millimeter
Noun	Bearing
Weight	4,91 Kg
rs min	3 mm
Da max	177 mm
da min	103 mm
UNSPSC	31171504
r min.	3 mm
ra max	2.5 mm
da max	118 mm
Da max.	177 mm
ra max.	2,5 mm
da min.	103 mm
series:	63
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	90x190x43
Snap Ring	No
Nlim (oil)	4,200 rpm
Width (mm)	43
bore type:	Round
Weight / LBS	10.8

maximum rpm:	4200 RPM
Cage Material	Steel
Nlim (grease)	3,600 rpm
closure type:	Open
Product Group	B00308
Inch - Metric	Metric
Bearing number	6318
Other Features	Deep Groove
Keyword String	Ball
bore diameter:	90 mm
overall width:	43 mm
cage material:	Steel
fillet radius:	3 mm
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Static load, C0	107 kN
Dynamic load, C	143 kN
Manufacturer URL	http://www.ntnamerica.com
Long Description	90MM Bore; 190MM Outside Diameter; 43MM 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	7.48 Inch 190 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	1.693 Inch 43 Millimeter
outer ring width:	43 mm

inner ring width:	43 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	190 mm
Weight / Kilogram	4.905
precision rating:	Class 0
Manufacturer Name	NTN
Bore Diameter (mm)	90
Internal Clearance	C0-Medium
maximum rpm (oil):	4200 rpm
snap ring included:	Without Snap Ring
Outer Diameter (mm)	190
internal clearance:	CN
Minimum Buy Quantity	N/A
static load capacity:	107000 N
maximum rpm (grease):	3600 rpm
row type & fill slot:	Single Row Non-Fill Slot
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
dynamic load capacity:	143000 N
Fatigue limit load, Cu	4.1 kN
(Oil) Lubrication Speed	4 200 r/min
Manufacturer Item Number	6318
Internal Special Features	No
(Grease) Lubrication Speed	3 600 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	107 kN

Basic dynamic load rating (C)	143 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.39 Hz
Characteristic inner ring frequency, BPFI	4.91 Hz
Characteristic outer ring frequency, BPF0	3.09 Hz
Characteristic rolling element frequency, BSF	4.18 Hz