



Bearing No. 6838

D	240 mm
C	24 mm
B	24 mm
d	190 mm
f0	16.1
Noun	Bearing
Mass	2.62 kg
Bore	7.48 Inch 190 Millimeter
r min.	1,5 mm
UNSPSC	31171504
Weight	2,62 Kg
ra max	1.5 mm
Da max	232 mm
da min	198 mm
rs min	1.5 mm
db min	198 mm
Da max.	232 mm
ra max.	1,5 mm
Category	Single Row Ball Bearing
Inventory	0.0
Size (mm)	190x240x24
Snap Ring	No
Enclosure	Open
Nlim (oil)	2,900 rpm
Width (mm)	24
Weight / LBS	5.732
Product Group	B00308
Nlim (grease)	2,400 rpm
Inch - Metric	Metric

Cage Material	Steel
Bearing number	6838
Keyword String	Ball
Other Features	Deep Groove
Dynamic load, C	73 kN
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Static load, C0	88 kN
Manufacturer URL	http://www.ntnamerica.com
Long Description	190MM Bore; 240MM Outside Diameter; 24MM 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	9.449 Inch 240 Millimeter
Outer Race Width	0.945 Inch 24 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Weight / Kilogram	2.745
Manufacturer Name	NTN
Bore Diameter (mm)	190
Internal Clearance	C0-Medium
Outer Diameter (mm)	240
Minimum Buy Quantity	N/A
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	2.75 kN
(Oil) Lubrication Speed	2 900 r/min
Manufacturer Item	6838

Number	
Internal Special Features	No
(Grease) Lubrication Speed	2 400 r/min
Basic static load rating (C0)	88 kN
Basic dynamic load rating (C)	73 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.46 Hz
Characteristic outer ring frequency, BPF0	11.16 Hz
Characteristic inner ring frequency, BRFI	12.84 Hz
Characteristic rolling element frequency, BSF	14.19 Hz