



Bearing No. 6830

B	20 mm
C	20 mm
d	150 mm
D	190 mm
f0	16.1
Noun	Bearing
Bore	5.906 Inch 150 Millimeter
Mass	1.16 kg
ra max	1 mm
r min.	1,1 mm
UNSPSC	31171504
Weight	1,16 Kg
Da max	183.5 mm
da min	156.5 mm
rs min	1.1 mm
da min.	156,5 mm
ra max.	1 mm
Da max.	183,5 mm
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Size (mm)	150x190x20
Enclosure	Open
Nlim (oil)	3,700 rpm
Width (mm)	20
Weight / LBS	2.513
Product Group	B00308
Nlim (grease)	3,100 rpm
Inch - Metric	Metric

Cage Material	Steel
Bearing number	6830
Keyword String	Ball
Other Features	Deep Groove
Dynamic load, C	47.5 kN
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Static load, C0	55 kN
Manufacturer URL	http://www.ntnamerica.com
Long Description	150MM Bore; 190MM Outside Diameter; 20MM 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	0.787 Inch 20 Millimeter
Weight / Kilogram	1.16
Manufacturer Name	NTN
Bore Diameter (mm)	150
Internal Clearance	C0-Medium
Outer Diameter (mm)	190
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	1.92 kN
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
(Oil) Lubrication Speed	3 700 r/min
Internal Special	No

Features	
(Grease) Lubrication Speed	3 100 r/min
Basic dynamic load rating (C)	47,5 kN
Basic static load rating (C0)	55 kN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.46 Hz
Characteristic inner ring frequency, BPF1	12.84 Hz
Characteristic outer ring frequency, BPF0	11.16 Hz
Characteristic rolling element frequency, BSF	14.21 Hz