



### Bearing No. 6834

D	215 mm
d	170 mm
B	22 mm
C	22 mm
f0	16.1
Bore	6.693 Inch   170 Millimeter
Mass	1.63 kg
Noun	Bearing
Weight	1,63 Kg
Da max	208.5 mm
ra max	1 mm
rs min	1.1 mm
UNSPSC	31171504
da min	176.5 mm
r min.	1,1 mm
da min.	176,5 mm
Da max.	208,5 mm
ra max.	1 mm
Category	Single Row Ball Bearing
Snap Ring	No
Enclosure	Open
Size (mm)	170x215x22
Inventory	0.0
Width (mm)	22
Nlim (oil)	3,200 rpm
Weight / LBS	3.536
Cage Material	Steel
Inch - Metric	Metric
Nlim (grease)	2,700 rpm

Product Group	B00308
Keyword String	Ball
Bearing number	6834
Rolling Element	Ball Bearing
Precision Class	ABEC 1   ISO P0
Static load, C0	70.5 kN
Dynamic load, C	60 kN
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Long Description	170MM Bore; 215MM Outside Diameter; 22MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outside Diameter	8.465 Inch   215 Millimeter
Outer Race Width	0.866 Inch   22 Millimeter
Manufacturer Name	NTN
Weight / Kilogram	1.61
Internal Clearance	C0-Medium
Bore Diameter (mm)	170
Outer Diameter (mm)	215
Minimum Buy Quantity	N/A
Radial clearance class	CN
Fatigue limit load, Cu	2.31 kN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	3 200 r/min
Manufacturer Item Number	6834
Internal Special Features	No
(Grease) Lubrication	2 700 r/min

Speed	
Basic static load rating (C0)	70,5 kN
Basic dynamic load rating (C)	60 kN
Maximum Capacity / Filling Slot	No
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
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	14.2 Hz