



**Bearing No. 6884**

D	520 mm
C	46 mm
B	46 mm
d	420 mm
f0	16.1
Noun	Bearing
Mass	21.6 kg
Bore	16.535 Inch   420 Millimeter
r min.	2,1 mm
UNSPSC	31171504
Weight	21,6 Kg
ra max	2 mm
Da max	509 mm
da min	431 mm
rs min	2.1 mm
db min	431 mm
Da max.	509 mm
ra max.	2 mm
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Size (mm)	420x520x46
Enclosure	Open
Nlim (oil)	1,200 rpm
Width (mm)	46
Weight / LBS	47.62
Product Group	B00308
Nlim (grease)	1,000 rpm
Inch - Metric	Metric

Cage Material	Steel
Bearing number	6884
Keyword String	Ball
Other Features	Deep Groove
Dynamic load, C	260 kN
Rolling Element	Ball Bearing
Precision Class	ABEC 1   ISO P0
Static load, C0	405 kN
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Long Description	420MM Bore; 520MM Outside Diameter; 46MM 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
Outer Race Width	1.811 Inch   46 Millimeter
Outside Diameter	20.472 Inch   520 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Weight / Kilogram	21.6
Manufacturer Name	NTN
Bore Diameter (mm)	420
Internal Clearance	C0-Medium
Outer Diameter (mm)	520
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	8.5 kN
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
(Oil) Lubrication Speed	1 200 r/min
Internal Special	No

Features	
(Grease) Lubrication Speed	1 000 r/min
Basic dynamic load rating (C)	260 kN
Basic static load rating (C0)	405 kN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.47 Hz
Characteristic inner ring frequency, BPF1	13.34 Hz
Characteristic outer ring frequency, BPF0	11.66 Hz
Characteristic rolling element frequency, BSF	14.74 Hz