



Bearing No. 6888

B	46 mm
C	46 mm
d	440 mm
D	540 mm
f0	16
Noun	Bearing
Bore	17.323 Inch 440 Millimeter
Mass	22.5 kg
ra max	2 mm
r min.	2,1 mm
UNSPSC	31171504
Weight	22,5 Kg
Da max	529 mm
da min	451 mm
rs min	2.1 mm
db min	451 mm
Da max.	529 mm
ra max.	2 mm
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Size (mm)	440x540x46
Enclosure	Open
Nlim (oil)	1,100 rpm
Width (mm)	46
Weight / LBS	47.664
Product Group	B00308
Nlim (grease)	950 rpm
Inch - Metric	Metric

Cage Material	Steel
Bearing number	6888
Keyword String	Ball
Other Features	Deep Groove
Dynamic load, C	264 kN
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Static load, C0	420 kN
Manufacturer URL	http://www.ntnamerica.com
Long Description	440MM Bore; 540MM 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
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	21.26 Inch 540 Millimeter
Outer Race Width	1.811 Inch 46 Millimeter
Weight / Kilogram	21.62
Manufacturer Name	NTN
Bore Diameter (mm)	440
Internal Clearance	C0-Medium
Outer Diameter (mm)	540
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	8.6 kN
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
(Oil) Lubrication Speed	1 100 r/min
Internal Special	No

Features	
(Grease) Lubrication Speed	950 r/min
Basic dynamic load rating (C)	264 kN
Basic static load rating (C0)	420 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	13.84 Hz
Characteristic outer ring frequency, BPF0	12.16 Hz
Characteristic rolling element frequency, BSF	15.37 Hz