



Bearing No. 6821

B	13 mm
C	13 mm
d	105 mm
D	130 mm
f0	15.9
Noun	Bearing
Bore	4.134 Inch 105 Millimeter
Mass	0.33 kg
ra max	1 mm
r min.	1 mm
UNSPSC	31171504
Weight	0,33 Kg
Da max	125 mm
da min	110 mm
rs min	1 mm
da min.	110 mm
ra max.	1 mm
Da max.	125 mm
Category	Single Row Ball Bearing
Size (mm)	105x130x13
Inventory	0.0
Snap Ring	No
Enclosure	Open
Nlim (oil)	5,400 rpm
Width (mm)	13
Weight / LBS	0.692
Product Group	B00308
Nlim (grease)	4,600 rpm
Inch - Metric	Metric

Cage Material	Steel
Bearing number	6821
Keyword String	Ball
Other Features	Deep Groove
Dynamic load, C	19.8 kN
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Static load, C0	22 kN
Manufacturer URL	http://www.ntnamerica.com
Long Description	105MM Bore; 130MM Outside Diameter; 13MM 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	5.118 Inch 130 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.512 Inch 13 Millimeter
Weight / Kilogram	0.314
Manufacturer Name	NTN
Bore Diameter (mm)	105
Internal Clearance	C0-Medium
Outer Diameter (mm)	130
Minimum Buy Quantity	N/A
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	0.92 kN
(Oil) Lubrication Speed	5 400 r/min
Manufacturer Item	6821

Number	
Internal Special Features	No
(Grease) Lubrication Speed	4 600 r/min
Basic static load rating (C0)	22 kN
Basic dynamic load rating (C)	19,8 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.47 Hz
Characteristic outer ring frequency, BPF0	12.68 Hz
Characteristic inner ring frequency, BRFI	14.32 Hz
Characteristic rolling element frequency, BSF	16.39 Hz