



### Bearing No. 6813

D	85 mm
C	10 mm
B	10 mm
d	65 mm
f0	16.2
Noun	Bearing
Mass	0.13 kg
Bore	2.559 Inch   65 Millimeter
r min.	0,6 mm
UNSPSC	31171504
Weight	0,128 Kg
ra max	0.6 mm
Da max	81 mm
da min	69 mm
rs min	0.6 mm
da max	70 mm
da min.	69 mm
Da max.	81 mm
ra max.	0,6 mm
Category	Single Row Ball Bearing
Inventory	0.0
Snap Ring	No
Size (mm)	65x85x10
Enclosure	Open
Nlim (oil)	8,700 rpm
Width (mm)	10
Weight / LBS	0.26
Product Group	B00308
Nlim (grease)	7,400 rpm

Inch - Metric	Metric
Cage Material	Steel
Bearing number	6813
Keyword String	Ball
Other Features	Deep Groove
Dynamic load, C	11.6 kN
Rolling Element	Ball Bearing
Precision Class	ABEC 1   ISO P0
Static load, C0	11 kN
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Long Description	65MM Bore; 85MM Outside Diameter; 10MM 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	3.346 Inch   85 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Outer Race Width	0.394 Inch   10 Millimeter
Weight / Kilogram	0.125
Manufacturer Name	NTN
Bore Diameter (mm)	65
Internal Clearance	C0-Medium
Outer Diameter (mm)	85
Minimum Buy Quantity	N/A
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	0.5 kN
(Oil) Lubrication Speed	8 700 r/min

Manufacturer Item Number	6813
Internal Special Features	No
(Grease) Lubrication Speed	7 400 r/min
Basic static load rating (C0)	11 kN
Basic dynamic load rating (C)	11,6 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.46 Hz
Characteristic inner ring frequency, BPF1	11.82 Hz
Characteristic outer ring frequency, BPF0	10.18 Hz
Characteristic rolling element frequency, BSF	13.42 Hz