



Bearing No. 6817

D	110 mm
d	85 mm
B	13 mm
C	13 mm
f0	16.2
Bore	3.346 Inch 85 Millimeter
Mass	0.27 kg
Noun	Bearing
Weight	0,27 Kg
Da max	105 mm
ra max	1 mm
rs min	1 mm
da min	90 mm
UNSPSC	31171504
r min.	1 mm
da max	91 mm
ra max.	1 mm
da min.	90 mm
Da max.	105 mm
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	85x110x13
Snap Ring	No
Width (mm)	13
Nlim (oil)	6,700 rpm
Weight / LBS	0.575
Cage Material	Steel
Product Group	B00308

Nlim (grease)	5,700 rpm
Inch - Metric	Metric
Other Features	Deep Groove
Keyword String	Ball
Bearing number	6817
Precision Class	ABEC 1 ISO P0
Static load, C0	19 kN
Rolling Element	Ball Bearing
Dynamic load, C	18.7 kN
Outer Race Width	0.512 Inch 13 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Long Description	85MM Bore; 110MM 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
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	4.331 Inch 110 Millimeter
Manufacturer Name	NTN
Weight / Kilogram	0.27
Internal Clearance	C0-Medium
Bore Diameter (mm)	85
Outer Diameter (mm)	110
Minimum Buy Quantity	N/A
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
Fatigue limit load, Cu	0.86 kN
(Oil) Lubrication Speed	6 700 r/min

Manufacturer Item Number	6817
Internal Special Features	No
(Grease) Lubrication Speed	5 700 r/min
Basic static load rating (C0)	19 kN
Basic dynamic load rating (C)	18,7 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	12.34 Hz
Characteristic outer ring frequency, BPF0	10.66 Hz
Characteristic rolling element frequency, BSF	13.58 Hz