



Bearing No. 6317

D	180 mm
d	85 mm
B	41 mm
C	41 mm
f0	13.3
Mass	4.23 kg
Noun	Bearing
Bore	3.346 Inch 85 Millimeter
UNSPSC	31171504
da min	98 mm
Weight	4,23 Kg
rs min	3 mm
Da max	167 mm
r min.	3 mm
ra max	2.5 mm
da max	112 mm
Da max.	167 mm
ra max.	2,5 mm
da min.	98 mm
Category	Single Row Ball Bearing
Enclosure	Open
Snap Ring	No
Inventory	0.0
Size (mm)	85x180x41
Nlim (oil)	4,500 rpm
bore type:	Round
Width (mm)	41
Weight / LBS	9.33
Nlim (grease)	3,800 rpm

Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Product Group	B00308
Keyword String	Ball
bore diameter:	85 mm
Other Features	Deep Groove
overall width:	41 mm
cage material:	Steel
fillet radius:	3 mm
Bearing number	6317
Precision Class	ABEC 1 ISO P0
Dynamic load, C	133 kN
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Static load, C0	97 kN
Outer Race Width	1.614 Inch 41 Millimeter
Outside Diameter	7.087 Inch 180 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Inner Race Width	0 Inch 0 Millimeter
Long Description	85MM Bore; 180MM Outside Diameter; 41MM 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
precision rating:	Class 0
inner ring width:	41 mm
bearing material:	High Carbon Chrome

	Steel
outer ring width:	41 mm
outside diameter:	180 mm
Manufacturer Name	NTN
Weight / Kilogram	4.204
Internal Clearance	C0-Medium
maximum rpm (oil):	4500 rpm
Bore Diameter (mm)	85
Outer Diameter (mm)	180
snap ring included:	Without Snap Ring
internal clearance:	CN
Minimum Buy Quantity	N/A
maximum rpm (grease):	3800 rpm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	97000 N
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	3.85 kN
dynamic load capacity:	133000 N
(Oil) Lubrication Speed	4 500 r/min
Internal Special Features	No
(Grease) Lubrication Speed	3 800 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic dynamic load rating (C)	133 kN
Basic static load rating (C0)	97 kN
Min operating temperature, Tmin	-20 °C

Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.39 Hz
Characteristic outer ring frequency, BPF0	3.09 Hz
Characteristic inner ring frequency, BPF1	4.91 Hz
Characteristic rolling element frequency, BSF	4.16 Hz