



**Bearing No. 6317Z**

D	180,000 mm
d	85,000 mm
B	41,000 mm
C	41,000 mm
f0	13.3
Noun	Bearing
Bore	3.346 Inch   85 Millimeter
Mass	4.23 kg
rs min	3 mm
da min	98 mm
UNSPSC	31171504
ra max	2.5 mm
Da max	167 mm
Category	Single Row Ball Bearing
Enclosure	1 Metal Shield
Inventory	0.0
Snap Ring	No
Size (mm)	85x180x41
Nlim (oil)	4,500 rpm
bore type:	Round
Width (mm)	41,000
Weight / LBS	9.28146
Inch - Metric	Metric
Cage Material	Steel
Nlim (grease)	3,800 rpm
Product Group	B00308
closure type:	Single Shield
cage material:	Steel
Other Features	Deep Groove

Keyword String	Ball
bore diameter:	85 mm
Bearing number	6317Z
overall width:	41 mm
fillet radius:	3 mm
Rolling Element	Ball Bearing
Dynamic load, C	133 kN
finish/coating:	Uncoated
Static load, C0	97 kN
Precision Class	ABEC 1   ISO P0
Outside Diameter	7.087 Inch   180 Millimeter
Outer Race Width	1.614 Inch   41 Millimeter
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Long Description	85MM Bore; 180MM Outside Diameter; 41MM Outer Race Width; 1 Metal Shield; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stee
Inner Race Width	0 Inch   0 Millimeter
precision rating:	ISO Class 0
outer ring width:	41 mm
outside diameter:	180 mm
inner ring width:	41 mm
Manufacturer Name	NTN
bearing material:	High Carbon Chrome Steel
Weight / Kilogram	4.214
Bore Diameter (mm)	85,000

maximum rpm (oil):	4500 rpm
Internal Clearance	C0-Medium
internal clearance:	CN
Outer Diameter (mm)	180,000
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	3800 rpm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	97000 N
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	3.85 kN
Radial clearance class	CN
dynamic load capacity:	133000 N
Manufacturer Item Number	6317Z
Internal Special Features	No
manufacturer product page:	<a href="#">Click here</a>
operating temperature range:	-40 to 120 °C
Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic inner ring frequency, BPF1	4.91 Hz
Characteristic outer ring frequency, BPF0	3.09 Hz
Characteristic rolling element frequency, BSF	4.16 Hz