



Bearing No. 6315

D	160 mm
d	75 mm
B	37 mm
C	37 mm
f0	13.2
Mass	3.02 kg
Bore	2.953 Inch 75 Millimeter
Noun	Bearing
Weight	3,02 Kg
rs min	2.1 mm
Da max	149 mm
da min	86 mm
UNSPSC	31171504
r min.	2,1 mm
ra max	2 mm
da max	99 mm
Da max.	149 mm
ra max.	2 mm
da min.	86 mm
series:	63
Category	Single Row Ball Bearing
Inventory	16.0
Enclosure	Open
Size (mm)	75x160x37
Snap Ring	No
Nlim (oil)	5,000 rpm
Width (mm)	37
bore type:	Round
Weight / LBS	6.66

maximum rpm:	5000 RPM
Cage Material	Steel
Nlim (grease)	4,300 rpm
closure type:	Open
Product Group	B00308
Inch - Metric	Metric
Bearing number	6315
Other Features	Deep Groove
Keyword String	Ball
bore diameter:	75 mm
overall width:	37 mm
cage material:	Steel
fillet radius:	2.1 mm
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Static load, C0	77 kN
Dynamic load, C	113 kN
Manufacturer URL	http://www.ntnamerica.com
Long Description	75MM Bore; 160MM Outside Diameter; 37MM 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
Outer Race Width	1.457 Inch 37 Millimeter
Outside Diameter	6.299 Inch 160 Millimeter
outer ring width:	37 mm

inner ring width:	37 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	160 mm
Weight / Kilogram	3.013
precision rating:	Class 0
Manufacturer Name	NTN
Bore Diameter (mm)	75
Internal Clearance	C0-Medium
maximum rpm (oil):	5000 rpm
snap ring included:	Without Snap Ring
Outer Diameter (mm)	160
internal clearance:	CN
Minimum Buy Quantity	N/A
static load capacity:	77000 N
maximum rpm (grease):	4300 rpm
row type & fill slot:	Single Row Non-Fill Slot
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
Fatigue limit load, Cu	3.25 kN
dynamic load capacity:	113000 N
(Oil) Lubrication Speed	5 000 r/min
Manufacturer Item Number	6315
Internal Special Features	No
(Grease) Lubrication Speed	4 300 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	77 kN

Basic dynamic load rating (C)	113 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.38 Hz
Characteristic inner ring frequency, BPFI	4.92 Hz
Characteristic outer ring frequency, BPF0	3.08 Hz
Characteristic rolling element frequency, BSF	4.12 Hz