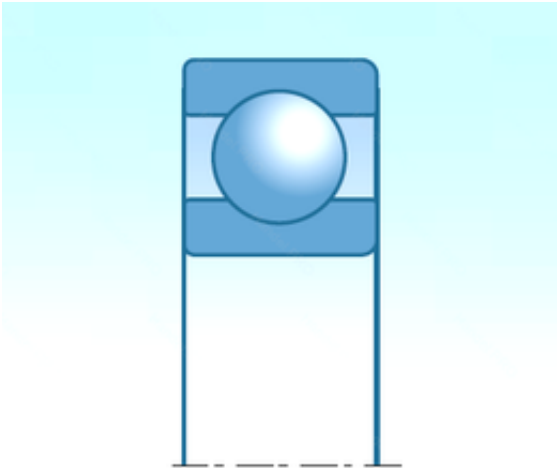




Bearing No. 6315Z

D	160,000 mm
d	75,000 mm
B	37,000 mm
C	37,000 mm
f0	13.2
Noun	Bearing
Bore	2.953 Inch 75 Millimeter
Mass	3.02 kg
rs min	2.1 mm
da min	86 mm
UNSPSC	31171504
ra max	2 mm
Da max	149 mm
Category	Single Row Ball Bearing
Enclosure	1 Metal Shield
Inventory	0.0
Snap Ring	No
Size (mm)	75x160x37
Nlim (oil)	5,000 rpm
bore type:	Round
Width (mm)	37,000
Weight / LBS	6.87842
Inch - Metric	Metric
Cage Material	Steel
Nlim (grease)	4,300 rpm
Product Group	B00308
closure type:	Single Shield
cage material:	Steel
Other Features	Deep Groove

Keyword String	Ball
bore diameter:	75 mm
Bearing number	6315Z
overall width:	37 mm
fillet radius:	2.1 mm
Rolling Element	Ball Bearing
Dynamic load, C	113 kN
finish/coating:	Uncoated
Static load, C0	77 kN
Precision Class	ABEC 1 ISO P0
Outside Diameter	6.299 Inch 160 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Long Description	75MM Bore; 160MM Outside Diameter; 37MM 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
Outer Race Width	1.457 Inch 37 Millimeter
precision rating:	ISO Class 0
outer ring width:	37 mm
outside diameter:	160 mm
inner ring width:	37 mm
Manufacturer Name	NTN
bearing material:	High Carbon Chrome Steel
Weight / Kilogram	3.007
Bore Diameter (mm)	75,000

maximum rpm (oil):	5000 rpm
Internal Clearance	C0-Medium
Outer Diameter (mm)	160,000
internal clearance:	CN
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	4300 rpm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	77000 N
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	3.25 kN
Radial clearance class	CN
dynamic load capacity:	113000 N
Manufacturer Item Number	6315Z
Internal Special Features	No
manufacturer product page:	Click here
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	0.38 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