



6315Z Bearing 2D drawings and 3D CAD models

NTN 6315Z SINGLE ROW BALL BEARING

Bearing No. 6315Z

Size	75x160x37 mm
Bore Diameter	75,000 mm
Outer Diameter	160,000 mm
Width	37,000 mm
d	75,000 mm
D	160,000 mm
B	37,000 mm
C	37,000 mm
rs min	2.1 mm
Radial clearance class	CN
Mass	3.02 kg
Dynamic load, C	113 kN
Static load, C0	77 kN
Fatigue limit load, Cu	3.25 kN
f0	13.2
Nlim (oil)	5,000 rpm
Nlim (grease)	4,300 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	4.12 Hz
Characteristic outer ring frequency, BPF0	3.08 Hz
Characteristic inner ring	4.92 Hz



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frequency, BPF1	
da min	86 mm
Da max	149 mm
ra max	2 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	3.007
EAN	4547359400397
Product Group	B00308
Enclosure	1 Metal Shield
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
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
Other Features	Deep Groove
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing



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Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	6315Z
Weight / LBS	6.87842
Bore	2.953 Inch 75 Millimeter
Outer Race Width	1.457 Inch 37 Millimeter
Outside Diameter	6.299 Inch 160 Millimeter
Inner Race Width	0 Inch 0 Millimeter
bore diameter:	75 mm
precision rating:	ISO Class 0
outside diameter:	160 mm
finish/coating:	Uncoated
overall width:	37 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Single Shield
inner ring width:	37 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	37 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	4300 rpm
internal clearance:	CN
maximum rpm (oil):	5000 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	2.1 mm
dynamic load capacity:	113000 N
manufacturer product page:	Click here
static load capacity:	77000 N