



Bearing No. 6215Z

D	130,000 mm
d	75,000 mm
B	25,000 mm
C	25,000 mm
f0	14.7
Noun	Bearing
Bore	2.953 Inch 75 Millimeter
Mass	1.18 kg
rs min	1.5 mm
da min	83 mm
UNSPSC	31171504
ra max	1.5 mm
Da max	122 mm
Category	Single Row Ball Bearing
Enclosure	1 Metal Shield
Inventory	0.0
Snap Ring	No
Size (mm)	75x130x25
Nlim (oil)	5,600 rpm
bore type:	Round
Width (mm)	25,000
Weight / LBS	2.54
Inch - Metric	Metric
Cage Material	Steel
Nlim (grease)	4,800 rpm
Product Group	B00308
closure type:	Single Shield
cage material:	Steel
Other Features	Deep Groove

Keyword String	Ball
bore diameter:	75 mm
Bearing number	6215Z
overall width:	25 mm
fillet radius:	1.5 mm
Rolling Element	Ball Bearing
Dynamic load, C	66 kN
finish/coating:	Uncoated
Static load, C0	49.5 kN
Precision Class	ABEC 1 ISO P0
Outer Race Width	0.984 Inch 25 Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Long Description	75MM Bore; 130MM Outside Diameter; 25MM 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:	25 mm
outside diameter:	130 mm
inner ring width:	25 mm
Manufacturer Name	NTN
bearing material:	High Carbon Chrome Steel
Weight / Kilogram	1.151
Bore Diameter (mm)	75,000

maximum rpm (oil):	5600 rpm
Internal Clearance	C0-Medium
Outer Diameter (mm)	130,000
internal clearance:	CN
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	4800 rpm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	49500 N
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	2.21 kN
Radial clearance class	CN
dynamic load capacity:	66000 N
Manufacturer Item Number	6215Z
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	0.42 Hz
Characteristic inner ring frequency, BPFI	6.43 Hz
Characteristic outer ring frequency, BPF0	4.57 Hz
Characteristic rolling element frequency, BSF	5.76 Hz