



Double BALL BEARINGS CO, LTD



6215Z Bearing 2D drawings and 3D CAD models

75,000 mm x 130,000 mm x 25,000 mm NTN
6215Z deep groove ball bearings

Bearing No. 6215Z

Size	75x130x25 mm
Bore Diameter	75,000 mm
Outer Diameter	130,000 mm
Width	25,000 mm
d	75,000 mm
D	130,000 mm
B	25,000 mm
C	25,000 mm
rs min	1.5 mm
Radial clearance class	CN
Mass	1.18 kg
Dynamic load, C	66 kN
Static load, C0	49.5 kN
Fatigue limit load, Cu	2.21 kN
f0	14.7
Nlim (oil)	5,600 rpm
Nlim (grease)	4,800 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.76 Hz
Characteristic outer ring frequency, BPF0	4.57 Hz



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Characteristic inner ring frequency, BPF1	6.43 Hz
da min	83 mm
Da max	122 mm
ra max	1.5 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.151
EAN	4547359371161
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; 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
Other Features	Deep Groove
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68



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Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	6215Z
Weight / LBS	2.54
Outer Race Width	0.984 Inch 25 Millimeter
Bore	2.953 Inch 75 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
bore diameter:	75 mm
precision rating:	ISO Class 0
outside diameter:	130 mm
finish/coating:	Uncoated
overall width:	25 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Single Shield
inner ring width:	25 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	25 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	4800 rpm
internal clearance:	CN
maximum rpm (oil):	5600 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	1.5 mm
dynamic load capacity:	66000 N
manufacturer product page:	Click here
static load capacity:	49500 N