



JP Motion Bearing Supply

NTN 6224C3 SINGLE ROW BALL BEARING

Bearing No. 6224C3

d	120 mm
D	215 mm
B	40 mm
rs min	2.1 mm
Radial clearance class	C3
Mass	5.15 kg
Dynamic load, C	155 kN
Static load, C0	131 kN
Fatigue limit load, Cu	4.6 kN
f0	14.4
Nlim (oil)	3,400 rpm
Nlim (grease)	2,900 rpm
Min operating temperature, Tmin	-60 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.37 Hz
Characteristic outer ring frequency, BPF0	4.1 Hz
Characteristic inner ring frequency, BPF1	5.9 Hz
da min	131 mm
Da max	204 mm
ra max	2 mm
Category	Single Row Ball Bearings

6224C3 Bearing 2D drawings and 3D CAD models



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Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	5.18
EAN	4547359374162
Product Group	B00308
Enclosure	Open
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	C3-Loose
Inch - Metric	Metric
Long Description	120MM Bore; 215MM Outside Diameter; 40MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	6224C3
Weight / LBS	11.4
Outside Diameter	8.465 Inch 215 Millimeter
Bore	4.724 Inch 120 Millimeter
Outer Race Width	1.575 Inch 40 Millimeter



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bore diameter:	120 mm
finish/coating:	Uncoated
outside diameter:	215 mm
bearing material:	High Carbon Chrome Steel
overall width:	40 mm
cage material:	Steel
bore type:	Round
inner ring width:	40 mm
closure type:	Open
outer ring width:	40 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	2900 rpm
snap ring included:	Without Snap Ring
maximum rpm (oil):	3400 rpm
internal clearance:	C3
fillet radius:	2.1 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	3400 RPM
dynamic load capacity:	155000 N
series:	62
static load capacity:	131000 N
manufacturer product page:	Click here
precision rating:	Class 0