



Bearing No. 6324

D	260 mm
d	120 mm
B	55 mm
C	55 mm
f0	13.5
Noun	Bearing
Bore	4.724 Inch 120 Millimeter
Mass	12.4 kg
Weight	12,4 Kg
ra max	2.5 mm
rs min	3 mm
da min	133 mm
Da max	247 mm
r min.	3 mm
UNSPSC	31171504
ra max.	2,5 mm
Da max.	247 mm
da min.	133 mm
Category	Single Row Ball Bearing
Snap Ring	No
Enclosure	Open
Size (mm)	120x260x55
Inventory	0.0
bore type:	Round
Width (mm)	55
Nlim (oil)	3,100 rpm
Product Group	B00308
Cage Material	Steel
Inch - Metric	Metric

Nlim (grease)	2,600 rpm
closure type:	Open
Bearing number	6324
bore diameter:	120 mm
fillet radius:	3 mm
Keyword String	Ball
overall width:	55 mm
cage material:	Steel
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Dynamic load, C	207 kN
Static load, C0	185 kN
finish/coating:	Uncoated
Manufacturer URL	http://www.ntnamerica.com
Long Description	120MM Bore; 260MM Outside Diameter; 55MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outside Diameter	10.236 Inch 260 Millimeter
Outer Race Width	2.165 Inch 55 Millimeter
bearing material:	High Carbon Chrome Steel
outside diameter:	260 mm
inner ring width:	55 mm
outer ring width:	55 mm
precision rating:	Class 0
Weight / Kilogram	12.611
Manufacturer Name	NTN
Internal Clearance	C0-Medium

Bore Diameter (mm)	120
maximum rpm (oil):	3100 rpm
internal clearance:	CN
snap ring included:	Without Snap Ring
Outer Diameter (mm)	260
Minimum Buy Quantity	N/A
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	2600 rpm
static load capacity:	185000 N
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	207000 N
Fatigue limit load, Cu	6.1 kN
(Oil) Lubrication Speed	3 100 r/min
Internal Special Features	No
(Grease) Lubrication Speed	2 600 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	185 kN
Basic dynamic load rating (C)	207 kN
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic inner ring	4.87 Hz

frequency, BPF1	
Characteristic outer ring frequency, BPF0	3.13 Hz
Characteristic rolling element frequency, BSF	4.39 Hz