



Bearing No. 6234

D	310 mm
d	170 mm
B	52 mm
C	52 mm
f0	15.3
Bore	6.693 Inch 170 Millimeter
Mass	14.5 kg
Noun	Bearing
UNSPSC	31171504
Da max	294 mm
rs min	4 mm
r min.	4 mm
da min	186 mm
Weight	14,5 Kg
ra max	3 mm
Da max.	294 mm
ra max.	3 mm
da min.	186 mm
Category	Single Row Ball Bearing
Size (mm)	170x310x52
Inventory	0.0
Snap Ring	No
Enclosure	Open
Nlim (oil)	2,400 rpm
Width (mm)	52
Weight / LBS	38.6
Nlim (grease)	2,000 rpm
Inch - Metric	Metric
Cage Material	Steel

Product Group	B00308
Keyword String	Ball
Bearing number	6234
Static load, C0	223 kN
Dynamic load, C	212 kN
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Long Description	170MM Bore; 310MM Outside Diameter; 52MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	http://www.ntnamerica.com
Outer Race Width	2.047 Inch 52 Millimeter
Outside Diameter	12.205 Inch 310 Millimeter
Weight / Kilogram	15.9
Manufacturer Name	NTN
Internal Clearance	C3-Loose
Bore Diameter (mm)	170
Outer Diameter (mm)	310
Minimum Buy Quantity	N/A
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
Fatigue limit load, Cu	6.5 kN
(Oil) Lubrication Speed	2 400 r/min
Manufacturer Item Number	6234
Internal Special Features	No
(Grease) Lubrication	2 000 r/min

Speed	
Basic static load rating (C0)	223 kN
Basic dynamic load rating (C)	212 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.43 Hz
Characteristic inner ring frequency, BPF1	6.87 Hz
Characteristic outer ring frequency, BPF0	5.13 Hz
Characteristic rolling element frequency, BSF	6.73 Hz