



Bearing No. 6230Z

D	270,000 mm
d	150,000 mm
B	45,000 mm
C	45,000 mm
f0	15.1
Mass	9.41 kg
Bore	5.906 Inch 150 Millimeter
Noun	Bearing
ra max	2.5 mm
da min	163 mm
UNSPSC	31171504
Da max	257 mm
rs min	3 mm
Category	Single Row Ball Bearing
Size (mm)	150x270x45
Snap Ring	No
Enclosure	1 Metal Shield
Inventory	0.0
Width (mm)	45,000
Nlim (oil)	2,700 rpm
Inch - Metric	Metric
Nlim (grease)	2,300 rpm
Cage Material	Steel
Product Group	B00308
Keyword String	Ball
Other Features	Deep Groove
Bearing number	6230Z
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing

Dynamic load, C	176 kN
Static load, C0	168 kN
Inner Race Width	0 Inch 0 Millimeter
Long Description	150MM Bore; 270MM Outside Diameter; 45MM 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; Ste
Outer Race Width	1.772 Inch 45 Millimeter
Outside Diameter	10.63 Inch 270 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Name	NTN
Weight / Kilogram	9.94
Bore Diameter (mm)	150,000
Internal Clearance	C0-Medium
Outer Diameter (mm)	270,000
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	5.3 kN
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
Internal Special Features	No
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage	0.42 Hz

frequency, FTF	
Characteristic outer ring frequency, BPF0	4.67 Hz
Characteristic inner ring frequency, BPF1	6.33 Hz
Characteristic rolling element frequency, BSF	6.46 Hz