



Bearing No. 6230

D	270 mm
d	150 mm
B	45 mm
C	45 mm
f0	15.1
Bore	5.906 Inch 150 Millimeter
Noun	Bearing
Mass	9.41 kg
Da max	257 mm
UNSPSC	31171504
r min.	3 mm
rs min	3 mm
da min	163 mm
Weight	9,41 Kg
ra max	2.5 mm
Da max.	257 mm
ra max.	2,5 mm
da min.	163 mm
series:	62
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Enclosure	Open
Size (mm)	150x270x45
Nlim (oil)	2,700 rpm
bore type:	Round
Width (mm)	45
Weight / LBS	22.539
maximum rpm:	2400 RPM

Nlim (grease)	2,300 rpm
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	150 mm
cage material:	Steel
fillet radius:	3 mm
overall width:	45 mm
Bearing number	6230
Dynamic load, C	176 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Static load, C0	168 kN
Manufacturer URL	http://www.snrbearings.com
Outside Diameter	10.63 Inch 270 Millimeter
Outer Race Width	1.772 Inch 45 Millimeter
Long Description	150MM Bore; 270MM Outside Diameter; 45MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
outer ring width:	45 mm
inner ring width:	45 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	270 mm
Weight / Kilogram	10.23

precision rating:	Class 0
Manufacturer Name	NTN
maximum rpm (oil):	2700 rpm
Internal Clearance	C0-Medium
Bore Diameter (mm)	150
Outer Diameter (mm)	270
internal clearance:	CN
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	2300 rpm
static load capacity:	168000 N
row type & fill slot:	Single Row Non-Fill Slot
Radial clearance class	CN
dynamic load capacity:	176000 N
Fatigue limit load, Cu	5.3 kN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	2 700 r/min
Manufacturer Item Number	6230
Internal Special Features	No
(Grease) Lubrication Speed	2 300 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	168 kN
Basic dynamic load rating (C)	176 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C

Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.42 Hz
Characteristic inner ring frequency, BPF1	6.33 Hz
Characteristic outer ring frequency, BPF0	4.67 Hz
Characteristic rolling element frequency, BSF	6.46 Hz