



Bearing No. 7230BG

a	111 mm
d	150,000 mm
D	270,000 mm
B	45,000 mm
C	45,000 mm
D1	227.5 mm
D2	245.6 mm
d1	192.5 mm
d2	192.5 mm
Mass	11.3 kg
Bore	5.906 Inch 150 Millimeter
Noun	Bearing
Width	1.772 Inch 45 Millimeter
UNSPSC	31171531
da min	164 mm
rs min	3 mm
ra max	2.5 mm
Db max	263 mm
Da max	256 mm
r1s min	1.1 mm
r1a max	1 mm
weight:	11.300 kg
series:	72B
Category	Angular Contact Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	150x270x45
Snap Ring	No

Nlim (oil)	2,900 rpm
bore type:	Round
Width (mm)	45,000
Weight / LBS	24.973
maximum rpm:	2900 rpm
Flush Ground	Yes
closure type:	Open
Inch - Metric	Metric
Contact Angle	40 Degree
Product Group	B00308
Cage Material	Steel
Nlim (grease)	2,200 rpm
contact angle:	40 °
Keyword String	Angular Contact
bore diameter:	150 mm
Bearing number	7230BG
overall width:	45 mm
cage material:	Brass
fillet radius:	3 mm
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Dynamic load, C	210 kN
Static load, C0	235 kN
Precision Class	ABEC 1 ISO P0
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	10.63 Inch 270 Millimeter
Contact angle ?	40 °
Long Description	150MM Bore; 270MM Outside Diameter; 45MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of

	Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring
outside diameter:	270 mm
precision rating:	ISO Class 0
Manufacturer Name	NTN
outer ring width:	45 mm
Weight / Kilogram	11.34
bearing material:	High Carbon Chrome Steel
Number of Bearings	1 (Single)
Bore Diameter (mm)	150,000
Internal Clearance	C0-Medium
snap ring included:	Without Snap Ring
Outer Diameter (mm)	270,000
internal clearance:	C0
Minimum Buy Quantity	N/A
Mounting Arrangement	Universal
row type & fill slot:	Single-Row Non-Fill Slot
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Single Row
Manufacturer Item Number	7230BG
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
radial static load capacity:	235000 N
radial dynamic load capacity:	210000 N
Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	120 °C

Min operating temperature, T _{min}	-40 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic inner ring frequency, BPF _I	9.02 Hz
Characteristic outer ring frequency, BPF ₀	6.98 Hz
Characteristic rolling element frequency, BSF	5.92 Hz