



Bearing No. 7311BG

D	120,000 mm
d	55,000 mm
B	29,000 mm
C	29,000 mm
a	52 mm
Bore	2.165 Inch 55 Millimeter
Mass	1.42 kg
Noun	Bearing
Width	1.142 Inch 29 Millimeter
Da max	110 mm
Db max	114.5 mm
UNSPSC	31171531
ra max	1 mm
rs min	2 mm
da min	65 mm
db min	60.5 mm
r1s min	1 mm
r1a max	1 mm
series:	73B
weight:	1.410 kg
Category	Angular Contact Ball Bearing
Inventory	0.0
Enclosure	Open
Snap Ring	No
Size (mm)	55x120x29
Nlim (oil)	7,300 rpm
bore type:	Round
Width (mm)	29,000

Flush Ground	Yes
Weight / LBS	3.116
maximum rpm:	7300 rpm
Cage Material	Steel
Contact Angle	40 Degree
Product Group	B00308
Inch - Metric	Metric
Nlim (grease)	5,500 rpm
closure type:	Open
bore diameter:	55 mm
cage material:	Steel
Keyword String	Angular Contact
contact angle:	40 °
fillet radius:	2 mm
overall width:	29 mm
Bearing number	7311BG
Dynamic load, C	79 kN
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Static load, C0	56.5 kN
Rolling Element	Ball Bearing
Long Description	55MM Bore; 120MM Outside Diameter; 29MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	4.724 Inch 120 Millimeter
Contact angle ?	40 °
Manufacturer Name	NTN

bearing material:	High Carbon Chrome Steel
precision rating:	ISO Class 0
outer ring width:	29 mm
Weight / Kilogram	1.42
outside diameter:	120 mm
Number of Bearings	1 (Single)
Bore Diameter (mm)	55,000
Internal Clearance	C0-Medium
Outer Diameter (mm)	120,000
snap ring included:	Without Snap Ring
internal clearance:	C0
Minimum Buy Quantity	N/A
Mounting Arrangement	Universal
row type & fill slot:	Single-Row Non-Fill Slot
Fatigue limit load, Cu	2.55 kN
Harmonized Tariff Code	8482.10.50.28
Radial clearance class	CN
Number of Rows of Balls	Single Row
Manufacturer Item Number	7311BG
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
radial static load capacity:	56500 N
radial dynamic load capacity:	79000 N
Min operating temperature, Tmin	-40 °C
Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	120 °C

