



Bearing No. 7316BG

D	170,000 mm
d	80,000 mm
B	39,000 mm
C	39,000 mm
a	72 mm
Bore	3.15 Inch 80 Millimeter
Mass	3.72 kg
Noun	Bearing
Width	1.535 Inch 39 Millimeter
Da max	158 mm
Db max	163 mm
UNSPSC	31171531
ra max	2 mm
rs min	2.1 mm
da min	92 mm
db min	87 mm
r1s min	1.1 mm
r1a max	1 mm
series:	73B
weight:	3.740 kg
Category	Angular Contact Ball Bearing
Inventory	0.0
Enclosure	Open
Snap Ring	No
Size (mm)	80x170x39
Nlim (oil)	5,100 rpm
bore type:	Round
Width (mm)	39,000
Flush Ground	Yes

Weight / LBS	8.265
maximum rpm:	5100 rpm
Cage Material	Steel
Contact Angle	40 Degree
Product Group	B00308
Inch - Metric	Metric
Nlim (grease)	3,800 rpm
closure type:	Open
bore diameter:	80 mm
cage material:	Steel
Keyword String	Angular Contact
contact angle:	40 °
fillet radius:	2.1 mm
overall width:	39 mm
Bearing number	7316BG
Dynamic load, C	135 kN
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Static load, C0	109 kN
Rolling Element	Ball Bearing
Long Description	80MM Bore; 170MM Outside Diameter; 39MM 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	6.693 Inch 170 Millimeter
Contact angle ?	40 °
Manufacturer Name	NTN
bearing material:	High Carbon Chrome

	Steel
precision rating:	ISO Class 0
outer ring width:	39 mm
Weight / Kilogram	3.75
outside diameter:	170 mm
Number of Bearings	1 (Single)
Bore Diameter (mm)	80,000
Internal Clearance	C0-Medium
Outer Diameter (mm)	170,000
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	4.45 kN
Harmonized Tariff Code	8482.10.50.28
Radial clearance class	CN
Number of Rows of Balls	Single Row
Manufacturer Item Number	7316BG
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
radial static load capacity:	109000 N
radial dynamic load capacity:	135000 N
Min operating temperature, Tmin	-40 °C
Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	120 °C