



**Bearing No. 7316B**

D	170 mm
d	80 mm
B	39 mm
C	39 mm
a	72 mm
Bore	3.15 Inch   80 Millimeter
Mass	3.72 kg
Noun	Bearing
Width	1.535 Inch   39 Millimeter
da min	92 mm
Weight	3,72 Kg
ra max	2 mm
Db max	163 mm
Da max	158 mm
rs min	2.1 mm
UNSPSC	31171531
r min.	2,1 mm
db min	87 mm
ra max.	2 mm
r1 min.	1,1 mm
r1a max	1 mm
da min.	92 mm
r1s min	1.1 mm
Category	Angular Contact Ball Bearing
Snap Ring	No
Enclosure	Open
Size (mm)	80x170x39
Inventory	0.0
Nlim (oil)	5,100 rpm

Width (mm)	39
Flush Ground	No
Cage Material	Steel
Contact Angle	40 Degree
Nlim (grease)	3,800 rpm
Product Group	B00308
Inch - Metric	Metric
Keyword String	Angular Contact
Bearing number	7316B
Precision Class	ABEC 1   ISO P0
Angle (?)	40 °
Dynamic load, C	135 kN
Rolling Element	Ball Bearing
Static load, C0	109 kN
Outside Diameter	6.693 Inch   170 Millimeter
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Long Description	80MM Bore; 170MM Outside Diameter; 39MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Steel Cage; 40 Degree; 1 (Single)
Contact angle ?	40 °
Weight / Kilogram	3.72
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Bore Diameter (mm)	80
Outer Diameter (mm)	170
Minimum Buy Quantity	N/A

Fatigue limit load, Cu	4.45 kN
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Single Row
(Grease) Lubrication Speed	3 800 r/min
Basic static load rating (C0)	109 kN
Basic dynamic load rating (C)	135 kN
Maximum Capacity / Filling Slot	No
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C