



Bearing No. 7316

D	170 mm
d	80 mm
B	39 mm
C	39 mm
a	55,5 mm
Bore	3.15 Inch 80 Millimeter
Noun	Bearing
Mass	3.65 kg
Width	1.535 Inch 39 Millimeter
Weight	3,65 Kg
UNSPSC	31171531
ra max	2 mm
Db max	163 mm
da min	92 mm
rs min	2.1 mm
Da max	158 mm
r min.	2,1 mm
db min	87 mm
ra max.	2 mm
da min.	92 mm
r1a max	1 mm
r1 min.	1,1 mm
r1s min	1.1 mm
Category	Angular Contact Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	80x170x39
Snap Ring	No
Nlim (oil)	5,900 rpm

Width (mm)	39
Flush Ground	No
Contact Angle	30 Degree
Cage Material	Steel
Nlim (grease)	4,500 rpm
Inch - Metric	Metric
Product Group	B00308
Keyword String	Angular Contact
Bearing number	7316
Static load, C0	119 kN
Angle (?)	25 °
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Dynamic load, C	147 kN
Outside Diameter	6.693 Inch 170 Millimeter
Manufacturer URL	http://www.ntnamerica.com
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; 30 Degree; 1 (Single)
Contact angle ?	30 °
Manufacturer Name	NTN
Weight / Kilogram	3.728
Bore Diameter (mm)	80
Number of Bearings	1 (Single)
Internal Clearance	C0-Medium
Outer Diameter (mm)	170
Minimum Buy Quantity	N/A

Fatigue limit load, Cu	4.85 kN
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Single Row
Manufacturer Item Number	7316
(Grease) Lubrication Speed	4 500 r/min
Basic static load rating (C0)	119 kN
Basic dynamic load rating (C)	147 kN
Maximum Capacity / Filling Slot	No
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C