



## BEARING PRECISION AXLE CORP.

80 mm x 170 mm x 39 mm NTN 7316 Angular contact ball bearings



Bearing No. 7316

Size	80x170x39 mm
Bore Diameter	80 mm
Outer Diameter	170 mm
Width	39 mm
d	80 mm
D	170 mm
B	39 mm
C	39 mm
Angle ( ° )	25 °
a	55,5 mm
r min.	2,1 mm
r1 min.	1,1 mm
da min.	92 mm
db min	87 mm
ra max.	2 mm
Weight	3,65 Kg
Basic dynamic load rating (C)	147 kN
Basic static load rating (C0)	119 kN
(Grease) Lubrication Speed	4 500 r/min
Contact angle	30 °
rs min	2.1 mm
r1s min	1.1 mm
Mass	3.65 kg
Dynamic load, C	147 kN
Static load, C0	119 kN

7316 Bearing 2D drawings and 3D CAD models



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Fatigue limit load, Cu	4.85 kN
Nlim (oil)	5,900 rpm
Nlim (grease)	4,500 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	92 mm
Da max	158 mm
Db max	163 mm
r1a max	1 mm
ra max	2 mm
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	3.728
EAN	4547359452440
Product Group	B00308
Enclosure	Open
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Steel
Contact Angle	30 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric



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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)
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	7316
Bore	3.15 Inch   80 Millimeter
Outside Diameter	6.693 Inch   170 Millimeter
Width	1.535 Inch   39 Millimeter