



Bearing No. 7316B

D	170 mm
d	80 mm
B	39 mm
C	39 mm
a	33.0 mm
r1	1.1 mm
Noun	Bearing
Bore	3.15 Inch 80 Millimeter
Width	1.535 Inch 39 Millimeter
UNSPSC	31171531
r min.	2.1 mm
Weight	4.18 Kg
ra max.	2 mm
da min.	92 mm
Da max.	158 mm
r1 min.	1.1 mm
Category	Angular Contact Ball Bearing
ra (max)	2 mm
Size (mm)	80x170x39
da1 (min)	92 mm
da2 (min)	87 mm
Bore Size	80 mm
Bore Type	Cylindrical Bore
Da1 (max)	158 mm
Da2 (max)	163 mm
ra1 (max)	1 mm
Snap Ring	No
Enclosure	Open
Inventory	0.0

Width (mm)	39
Flush Ground	No
Weight / LBS	9.21
Contact Angle	40 Degree
Inch - Metric	Metric
Product Group	B00308
Configuration	Single Row
Cage Material	Steel
Bearing number	7316B
Keyword String	Angular Contact
Rolling Element	Ball Bearing
Angle (?)	40 °
Precision Class	ABEC 1 ISO P0
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
Manufacturer URL	http://www.nachi.com
Outside Diameter	6.693 Inch 170 Millimeter
Manufacturer Name	NACHI
Weight / Kilogram	4.178
Static Load Rating	112,000 N
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Bore Diameter (mm)	80
Outer Diameter (mm)	170
Dynamic Load Rating	139,000 N
Minimum Buy Quantity	N/A
Limiting Speed - Oil	4,200 rpm
Fillet Radius/Chamfer	2.1 mm

Harmonized Tariff Code	8482.10.50.28
Limiting Speed - Grease	3,200 rpm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7316 B BNLS
(Grease) Lubrication Speed	3200 r/min
Basic dynamic load rating (C)	139 kN
Basic static load rating (C0)	112 kN
Maximum Capacity / Filling Slot	No