



Bearing No. 7307B

D	80 mm
d	35 mm
B	21 mm
C	21 mm
a	13.7 mm
r1	1 mm
Noun	Bearing
Bore	1.378 Inch 35 Millimeter
Width	0.827 Inch 21 Millimeter
UNSPSC	31171531
r min.	1.5 mm
Weight	0.475 Kg
ra max.	1.5 mm
da min.	44 mm
Da max.	71 mm
r1 min.	1 mm
Category	Angular Contact Ball Bearing
ra (max)	1.5 mm
Size (mm)	35x80x21
da1 (min)	44 mm
da2 (min)	40 mm
Bore Size	35 mm
Bore Type	Cylindrical Bore
Da1 (max)	71 mm
Da2 (max)	74.6 mm
ra1 (max)	1 mm
Snap Ring	No
Enclosure	Open

Inventory	4.0
Width (mm)	21
Flush Ground	No
Weight / LBS	1.05
Contact Angle	40 Degree
Inch - Metric	Metric
Product Group	B00308
Configuration	Single Row
Cage Material	Steel
Bearing number	7307B
Keyword String	Angular Contact
Rolling Element	Ball Bearing
Angle (?)	40 °
Precision Class	ABEC 1 ISO P0
Long Description	35MM Bore; 80MM Outside Diameter; 21MM 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	3.15 Inch 80 Millimeter
Manufacturer Name	NACHI
Weight / Kilogram	0.477
Static Load Rating	24,900 N
Bore Diameter (mm)	35
Number of Bearings	1 (Single)
Internal Clearance	C0-Medium
Dynamic Load Rating	37,500 N
Outer Diameter (mm)	80
Limiting Speed - Oil	9,500 rpm
Minimum Buy Quantity	N/A

Fillet Radius/Chamfer	1.5 mm
Harmonized Tariff Code	8482.10.50.28
Limiting Speed - Grease	7,000 rpm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7307 B BNLS
(Grease) Lubrication Speed	7000 r/min
Basic static load rating (C0)	24,9 kN
Basic dynamic load rating (C)	37,5 kN
Maximum Capacity / Filling Slot	No