



Bearing No. 7307B

D	80 mm
d	35 mm
B	21 mm
C	21 mm
a	34,5 mm
Mass	0.47 kg
Bore	1.378 Inch 35 Millimeter
Noun	Bearing
Width	0.827 Inch 21 Millimeter
Weight	0,469 Kg
rs min	1.5 mm
db min	40,5 mm
da min	43.5 mm
Da max	71.5 mm
r min.	1,5 mm
ra max	1 mm
UNSPSC	31171531
Db max	74.5 mm
r1s min	1 mm
r1a max	1 mm
ra max.	1,5 mm
da min.	43,5 mm
r1 min.	1 mm
series:	73B
weight:	0.466 kg
Category	Angular Contact Ball Bearing
Size (mm)	35x80x21
Snap Ring	No

Enclosure	Open
Inventory	0.0
bore type:	Round
Nlim (oil)	11,000 rpm
Width (mm)	21
Flush Ground	No
Weight / LBS	1.03
maximum rpm:	11000 rpm
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Steel
Product Group	B00308
Nlim (grease)	8,400 rpm
closure type:	Open
Keyword String	Angular Contact
bore diameter:	35 mm
overall width:	21 mm
contact angle:	40 °
fillet radius:	1.5 mm
cage material:	Steel
Bearing number	7307B
Angle (?)	40 °
Rolling Element	Ball Bearing
Dynamic load, C	34.6 kN
Static load, C0	22.2 kN
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Manufacturer URL	http://www.ntnamerica.com
Contact angle ?	40 °
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
Outside Diameter	3.15 Inch 80 Millimeter
outside diameter:	80 mm
precision rating:	ISO Class 0
outer ring width:	21 mm
Manufacturer Name	NTN
bearing material:	High Carbon Chrome Steel
Weight / Kilogram	0.466
Number of Bearings	1 (Single)
Internal Clearance	C0-Medium
Bore Diameter (mm)	35
snap ring included:	Without Snap Ring
Outer Diameter (mm)	80
internal clearance:	C0
Minimum Buy Quantity	N/A
row type & fill slot:	Single-Row Non-Fill Slot
Harmonized Tariff Code	8482.10.50.28
Fatigue limit load, Cu	1.01 kN
Number of Rows of Balls	Single Row
Manufacturer Item Number	7307B
manufacturer product page:	Click here
(Grease) Lubrication Speed	8 400 r/min
operating temperature range:	-40 to 120 °C
radial static load capacity:	24200 N
Basic static load rating (C0)	24,2 kN

Basic dynamic load rating (C)	36,5 kN
radial dynamic load capacity:	36500 N
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.41 Hz
Characteristic outer ring frequency, BPF0	4.51 Hz
Characteristic inner ring frequency, BPF1	6.49 Hz
Characteristic rolling element frequency, BSF	4.13 Hz