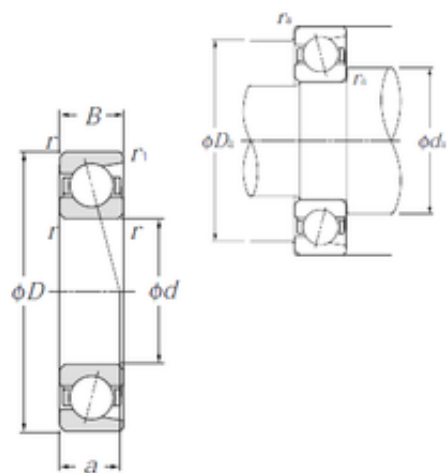




Bearing No. 7318B

D	190 mm
d	90 mm
B	43 mm
C	43 mm
a	80,5 mm
Mass	5.16 kg
Bore	3.543 Inch 90 Millimeter
Noun	Bearing
Width	1.693 Inch 43 Millimeter
Weight	5,16 Kg
rs min	3 mm
db min	97 mm
da min	104 mm
Da max	176 mm
r min.	3 mm
ra max	2.5 mm
UNSPSC	31171531
Db max	183 mm
r1s min	1.1 mm
r1a max	1 mm
ra max.	2,5 mm
da min.	104 mm
r1 min.	1,1 mm
series:	73B
weight:	5.090 kg
Category	Angular Contact Ball Bearing
Size (mm)	90x190x43
Snap Ring	No

Enclosure	Open
Inventory	0.0
bore type:	Round
Nlim (oil)	4,500 rpm
Width (mm)	43
Flush Ground	No
Weight / LBS	11.249
maximum rpm:	4500 rpm
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Steel
Product Group	B00308
Nlim (grease)	3,400 rpm
closure type:	Open
Keyword String	Angular Contact
bore diameter:	90 mm
overall width:	43 mm
contact angle:	40 °
fillet radius:	3 mm
cage material:	Steel
Bearing number	7318B
Angle (?)	40 °
Rolling Element	Ball Bearing
Dynamic load, C	156 kN
Static load, C0	135 kN
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Manufacturer URL	http://www.ntnamerica.com
Contact angle ?	40 °
Outside Diameter	7.48 Inch 190 Millimeter
Long Description	90MM Bore; 190MM

	Outside Diameter; 43MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring
outside diameter:	190 mm
precision rating:	ISO Class 0
outer ring width:	43 mm
Manufacturer Name	NTN
bearing material:	High Carbon Chrome Steel
Weight / Kilogram	5.11
Number of Bearings	1 (Single)
Internal Clearance	C0-Medium
Bore Diameter (mm)	90
snap ring included:	Without Snap Ring
Outer Diameter (mm)	190
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	5.2 kN
Number of Rows of Balls	Single Row
Manufacturer Item Number	7318B
manufacturer product page:	Click here
(Grease) Lubrication Speed	3 400 r/min
operating temperature range:	-40 to 120 °C
radial static load capacity:	135000 N
Basic static load rating	135 kN

(C0)	
Basic dynamic load rating (C)	156 kN
radial dynamic load capacity:	156000 N
Min operating temperature, T _{min}	-40 °C
Max operating temperature, T _{max}	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.41 Hz
Characteristic outer ring frequency, BPF0	4.96 Hz
Characteristic inner ring frequency, BPFI	7.04 Hz
Characteristic rolling element frequency, BSF	4.28 Hz