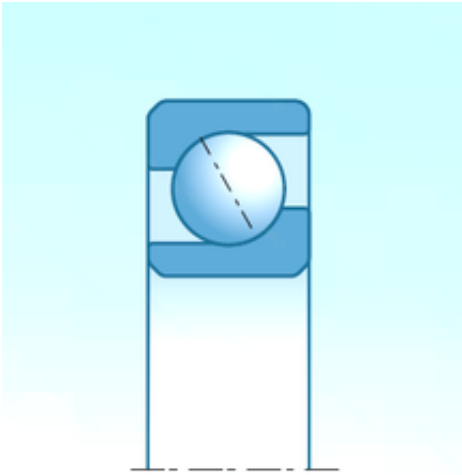




Bearing No. 7318BG

C	43,000 mm
a	80.5 mm
d	90,000 mm
D	190,000 mm
B	43,000 mm
Noun	Bearing
Mass	5.16 kg
Bore	3.543 Inch 90 Millimeter
Width	1.693 Inch 43 Millimeter
Db max	183 mm
ra max	2.5 mm
Da max	176 mm
db min	97 mm
da min	104 mm
UNSPSC	31171531
rs min	3 mm
series:	73B
r1s min	1.1 mm
weight:	5.090 kg
r1a max	1 mm
Category	Angular Contact Ball Bearing
Enclosure	Open
Inventory	0.0
Snap Ring	No
Size (mm)	90x190x43
bore type:	Round
Width (mm)	43,000
Nlim (oil)	4,500 rpm

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

outer ring width:	43 mm
precision rating:	ISO Class 0
outside diameter:	190 mm
bearing material:	High Carbon Chrome Steel
Weight / Kilogram	5.11
Bore Diameter (mm)	90,000
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Outer Diameter (mm)	190,000
snap ring included:	Without Snap Ring
internal clearance:	C0
Minimum Buy Quantity	N/A
Mounting Arrangement	Universal
row type & fill slot:	Single-Row Non-Fill Slot
Harmonized Tariff Code	8482.10.50.28
Radial clearance class	CN
Fatigue limit load, Cu	5.2 kN
Number of Rows of Balls	Single Row
Manufacturer Item Number	7318BG
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
radial static load capacity:	135000 N
radial dynamic load capacity:	156000 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	4.96 Hz
Characteristic inner ring frequency, BPF1	7.04 Hz
Characteristic rolling element frequency, BSF	4.28 Hz