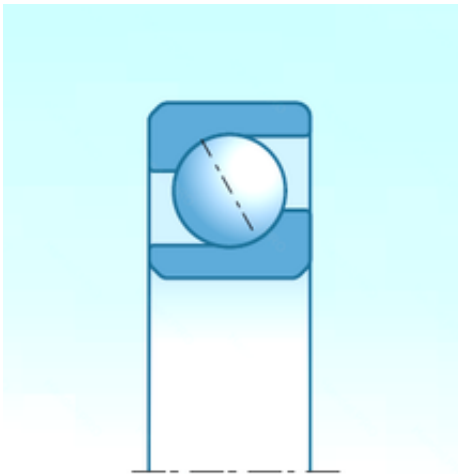




NTN Bearing Manufacturing



7416BG Bearing 2D drawings and 3D CAD models

80,000 mm x 200,000 mm x 48,000 mm NTN
7416BG angular contact ball bearings

Bearing No. 7416BG

Size	80x200x48 mm
Bore Diameter	80,000 mm
Outer Diameter	200,000 mm
Width	48,000 mm
d	80,000 mm
D	200,000 mm
B	48,000 mm
C	48,000 mm
Contact angle	40 °
rs min	3 mm
r1s min	1.1 mm
Radial clearance class	CN
Mass	6.71 kg
Dynamic load, C	158 kN
Static load, C0	132 kN
Fatigue limit load, Cu	5.1 kN
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	3.86 Hz
Characteristic outer ring frequency, BPF0	4.04 Hz
Characteristic inner ring	5.96 Hz



NTN Bearing Manufacturing

frequency, BPF1	
da min	452 mm
Da max	186 mm
Db max	193 mm
r1a max	1 mm
ra max	2.5 mm
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	6.73
EAN	4547359454536
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Steel
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	80MM Bore; 200MM Outside Diameter; 48MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring



NTN Bearing Manufacturing

Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	7416BG
Weight / LBS	14.829
Bore	3.15 Inch 80 Millimeter
Width	1.89 Inch 48 Millimeter
Outside Diameter	7.874 Inch 200 Millimeter
bore diameter:	80 mm
radial static load capacity:	133000 N
outside diameter:	200 mm
operating temperature range:	-40 to 120 ° C
overall width:	48 mm
cage material:	Brass
contact angle:	40 °
outer ring width:	48 mm
row type & fill slot:	Single-Row Non-Fill Slot
maximum rpm:	3600 rpm
internal clearance:	C0
finish/coating:	Uncoated
bore type:	Round
precision rating:	ISO Class 0
closure type:	Open
fillet radius:	2.5 mm
snap ring included:	Without Snap Ring
series:	74B
bearing material:	High Carbon Chrome Steel



NTN Bearing Manufacturing

weight:	6.710 kg
radial dynamic load capacity:	158000 N
manufacturer product page:	Click here