



Bearing No. 7306BG

C	19,000 mm
a	31.5 mm
d	30,000 mm
D	72,000 mm
B	19,000 mm
Noun	Bearing
Mass	0.35 kg
Bore	1.181 Inch 30 Millimeter
Width	0.748 Inch 19 Millimeter
Db max	67.5 mm
ra max	1 mm
Da max	65 mm
db min	34.5 mm
da min	37 mm
UNSPSC	31171531
rs min	1.1 mm
series:	73B
r1s min	0.6 mm
weight:	0.357 kg
r1a max	0.6 mm
Category	Angular Contact Ball Bearing
Enclosure	Open
Inventory	0.0
Snap Ring	No
Size (mm)	30x72x19
bore type:	Round
Width (mm)	19,000
Nlim (oil)	13,000 rpm

Flush Ground	Yes
maximum rpm:	13000 rpm
Weight / LBS	0.789
Cage Material	Steel
Inch - Metric	Metric
Nlim (grease)	9,600 rpm
Product Group	B00308
closure type:	Open
Contact Angle	40 Degree
Bearing number	7306BG
Keyword String	Angular Contact
bore diameter:	30 mm
cage material:	Steel
contact angle:	40 °
fillet radius:	1.1 mm
overall width:	19 mm
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Static load, C0	20.5 kN
Rolling Element	Ball Bearing
Dynamic load, C	31 kN
Contact angle ?	40 °
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	2.835 Inch 72 Millimeter
Long Description	30MM Bore; 72MM Outside Diameter; 19MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring
outside diameter:	72 mm

Weight / Kilogram	0.357
outer ring width:	19 mm
precision rating:	ISO Class 0
Manufacturer Name	NTN
bearing material:	High Carbon Chrome Steel
Bore Diameter (mm)	30,000
Number of Bearings	1 (Single)
Internal Clearance	C0-Medium
internal clearance:	C0
snap ring included:	Without Snap Ring
Outer Diameter (mm)	72,000
Mounting Arrangement	Universal
Minimum Buy Quantity	N/A
row type & fill slot:	Single-Row Non-Fill Slot
Harmonized Tariff Code	8482.10.50.28
Radial clearance class	CN
Fatigue limit load, Cu	0.93 kN
Number of Rows of Balls	Single Row
Manufacturer Item Number	7306BG
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
radial static load capacity:	20500 N
radial dynamic load capacity:	31000 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	5.36 Hz
Characteristic inner ring frequency, BPF1	7.64 Hz
Characteristic rolling element frequency, BSF	4.24 Hz