



AMERICAN BEARING MFG.CORP.



7306BG Bearing 2D drawings and 3D CAD models

30,000 mm x 72,000 mm x 19,000 mm NTN
7306BG angular contact ball bearings

Bearing No. 7306BG

Size	30x72x19 mm
Bore Diameter	30,000 mm
Outer Diameter	72,000 mm
Width	19,000 mm
d	30,000 mm
D	72,000 mm
B	19,000 mm
C	19,000 mm
a	31.5 mm
Contact angle	40 °
rs min	1.1 mm
r1s min	0.6 mm
Radial clearance class	CN
Mass	0.35 kg
Dynamic load, C	31 kN
Static load, C0	20.5 kN
Fatigue limit load, Cu	0.93 kN
Nlim (oil)	13,000 rpm
Nlim (grease)	9,600 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	4.24 Hz



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Characteristic outer ring frequency, BPF0	5.36 Hz
Characteristic inner ring frequency, BRF1	7.64 Hz
da min	37 mm
db min	34.5 mm
Da max	65 mm
Db max	67.5 mm
r1a max	0.6 mm
ra max	1 mm
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.357
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	30MM Bore; 72MM Outside Diameter; 19MM Width; Open; Yes Flush



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	Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring
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	7306BG
Weight / LBS	0.789
Width	0.748 Inch 19 Millimeter
Outside Diameter	2.835 Inch 72 Millimeter
Bore	1.181 Inch 30 Millimeter
bore diameter:	30 mm
radial static load capacity:	20500 N
outside diameter:	72 mm
operating temperature range:	-40 to 120 ° C
overall width:	19 mm
cage material:	Steel
contact angle:	40 °
outer ring width:	19 mm
row type & fill slot:	Single-Row Non-Fill Slot
maximum rpm:	13000 rpm
internal clearance:	C0
finish/coating:	Uncoated
bore type:	Round
precision rating:	ISO Class 0
closure type:	Open
fillet radius:	1.1 mm



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snap ring included:	Without Snap Ring
series:	73B
bearing material:	High Carbon Chrome Steel
weight:	0.357 kg
radial dynamic load capacity:	31000 N
manufacturer product page:	Click here