



# BEARING CORP.OF AMERICA



7306BYG Bearing 2D drawings and 3D CAD models

1.181 Inch | 30 Millimeter x 2.835 Inch | 72  
Millimeter x 0.748 Inch | 19 Millimeter NSK  
7306BYG Angular Contact Ball Bearings

Bearing No. 7306BYG

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight	0.36
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	Brass
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 Ground; Ball Bearing; Single Row of Balls; ABEC 1   ISO P0; No Filling Slot; No Snap



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	Ring
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	<a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
Manufacturer Item Number	7306BYG
Weight / LBS	0.36
B	0.748 Inch   19 Millimeter
D	2.835 Inch   72 Millimeter
d	1.181 Inch   30 Millimeter
bore diameter:	30 mm
radial static load capacity:	1960 kgf
outside diameter:	72 mm
operating temperature range:	Maximum of +250 ° F
overall width:	19 mm
cage material:	Brass
contact angle:	40 °
outer ring width:	19 mm
row type & fill slot:	Single-Row Non-Fill Slot
maximum rpm:	11000 RPM
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
precision rating:	ABEC 1 (ISO Class Normal)
bearing material:	Steel (Balls)
fillet radius:	1.1 mm
radial dynamic load capacity:	3150 kgf



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series:

73