



# BEARING CORP.OF AMERICA



7314BYG Bearing 2D drawings and 3D CAD models

2.756 Inch | 70 Millimeter x 5.906 Inch | 150  
Millimeter x 1.378 Inch | 35 Millimeter NSK  
7314BYG Angular Contact Ball Bearings

Bearing No. 7314BYG

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight	2.7
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	70MM Bore; 150MM Outside Diameter; 35MM 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	7314BYG
Weight / LBS	2.7
D	5.906 Inch   150 Millimeter
B	1.378 Inch   35 Millimeter
d	2.756 Inch   70 Millimeter
bore diameter:	70 mm
radial static load capacity:	8750 kgf
outside diameter:	150 mm
operating temperature range:	Maximum of +250 ° F
overall width:	35 mm
cage material:	Brass
contact angle:	40 °
outer ring width:	35 mm
row type & fill slot:	Single-Row Non-Fill Slot
maximum rpm:	5000 RPM
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
precision rating:	ABEC 1 (ISO Class Normal)
bearing material:	Steel (Balls)
fillet radius:	2 mm
radial dynamic load capacity:	11700 kgf



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series:

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