



# NTN PRECISION AXLE CORP.



7216BG Bearing 2D drawings and 3D CAD models

80,000 mm x 140,000 mm x 26,000 mm NTN  
7216BG angular contact ball bearings

Bearing No. 7216BG

Size	80x140x26 mm
Bore Diameter	80,000 mm
Outer Diameter	140,000 mm
Width	26,000 mm
d	80,000 mm
D	140,000 mm
B	26,000 mm
C	26,000 mm
a	59 mm
Contact angle	40 °
rs min	2 mm
r1s min	1 mm
Radial clearance class	CN
Mass	1.42 kg
Dynamic load, C	80.5 kN
Static load, C0	69.5 kN
Fatigue limit load, Cu	3 kN
Nlim (oil)	5,700 rpm
Nlim (grease)	4,300 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	90 mm
db min	85.5 mm
Da max	130 mm



## NTN PRECISION AXLE CORP.

Db max	134.5 mm
r1a max	1 mm
ra max	1 mm
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.5
EAN	4547359445121
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; 140MM Outside Diameter; 26MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1   ISO P0; No Filling Slot; No Snap Ring
Category	Angular Contact Ball Bearing
UNSPSC	31171531



## NTN PRECISION AXLE CORP.

Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	7216BG
Weight / LBS	3.293
Outside Diameter	5.512 Inch   140 Millimeter
Bore	3.15 Inch   80 Millimeter
Width	1.024 Inch   26 Millimeter
bore diameter:	80 mm
radial static load capacity:	69500 N
outside diameter:	140 mm
operating temperature range:	-40 to 120 ° C
overall width:	26 mm
cage material:	Steel
contact angle:	40 °
outer ring width:	26 mm
row type & fill slot:	Single-Row Non-Fill Slot
maximum rpm:	5700 rpm
internal clearance:	C0
finish/coating:	Uncoated
bore type:	Round
precision rating:	ISO Class 0
closure type:	Open
fillet radius:	2 mm
snap ring included:	Without Snap Ring
series:	72B
bearing material:	High Carbon Chrome Steel
weight:	1.490 kg
radial dynamic load capacity:	80500 N



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manufacturer product page:

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