



## BEARING PRECISION AXLE CORP.



7210BG Bearing 2D drawings and 3D CAD models

50,000 mm x 90,000 mm x 20,000 mm Wheel  
Hub Bearing DAC45840040

Bearing No. 7210BG

Size	50x90x20 mm
Bore Diameter	50,000 mm
Outer Diameter	90,000 mm
Width	20,000 mm
d	50,000 mm
D	90,000 mm
B	20,000 mm
C	20,000 mm
a	39.5 mm
Contact angle	40 °
rs min	1.1 mm
r1s min	0.6 mm
Radial clearance class	CN
Mass	0.47 kg
Dynamic load, C	37.5 kN
Static load, C0	28.6 kN
Fatigue limit load, Cu	1.3 kN
Nlim (oil)	9,000 rpm
Nlim (grease)	6,700 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	57 mm
db min	54.5 mm
Da max	83 mm



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Db max	85.5 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	0.469
EAN	4547359441932
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	50MM Bore; 90MM Outside Diameter; 20MM 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



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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	7210BG
Weight / LBS	1.034
Bore	1.969 Inch   50 Millimeter
Outside Diameter	3.543 Inch   90 Millimeter
Width	0.787 Inch   20 Millimeter
bore diameter:	50 mm
radial static load capacity:	28600 N
outside diameter:	90 mm
operating temperature range:	-40 to 120 ° C
overall width:	20 mm
cage material:	Steel
contact angle:	40 °
outer ring width:	20 mm
row type & fill slot:	Single-Row Non-Fill Slot
maximum rpm:	9000 rpm
internal clearance:	C0
finish/coating:	Uncoated
bore type:	Round
precision rating:	ISO Class 0
closure type:	Open
fillet radius:	1.1 mm
snap ring included:	Without Snap Ring
series:	72B
bearing material:	High Carbon Chrome Steel
weight:	0.468 kg
radial dynamic load capacity:	37500 N



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manufacturer product page:

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