



NTN BEARING CORP.OF CANADA LTD.



7220BG Bearing 2D drawings and 3D CAD models

100,000 mm x 180,000 mm x 34,000 mm NTN
7220BG angular contact ball bearings

Bearing No. 7220BG

Size	100x180x34 mm
Bore Diameter	100,000 mm
Outer Diameter	180,000 mm
Width	34,000 mm
d	100,000 mm
D	180,000 mm
B	34,000 mm
C	34,000 mm
a	76 mm
Contact angle	40 °
rs min	2.1 mm
r1s min	1.1 mm
Radial clearance class	CN
Mass	3.26 kg
Dynamic load, C	130 kN
Static load, C0	114 kN
Fatigue limit load, Cu	4.4 kN
Nlim (oil)	4,500 rpm
Nlim (grease)	3,400 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	112 mm
db min	107 mm
Da max	168 mm



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Db max	173 mm
r1a max	1 mm
ra max	2 mm
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	3.25
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	100MM Bore; 180MM Outside Diameter; 34MM 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
Harmonized Tariff Code	8482.10.50.28



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Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	7220BG
Weight / LBS	7.16
Width	1.339 Inch 34 Millimeter
Outside Diameter	7.087 Inch 180 Millimeter
Bore	3.937 Inch 100 Millimeter
bore diameter:	100 mm
radial static load capacity:	114000 N
outside diameter:	180 mm
operating temperature range:	-40 to 120 ° C
overall width:	34 mm
cage material:	Steel
contact angle:	40 °
outer ring width:	34 mm
row type & fill slot:	Single-Row Non-Fill Slot
maximum rpm:	4500 rpm
internal clearance:	C0
finish/coating:	Uncoated
bore type:	Round
precision rating:	ISO Class 0
closure type:	Open
fillet radius:	2.1 mm
snap ring included:	Without Snap Ring
series:	72B
bearing material:	High Carbon Chrome Steel
weight:	3.240 kg
radial dynamic load capacity:	130000 N
manufacturer product page:	Click here



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