



Bearing No. 7220BG

D	180,000 mm
d	100,000 mm
B	34,000 mm
C	34,000 mm
a	76 mm
Bore	3.937 Inch 100 Millimeter
Mass	3.26 kg
Noun	Bearing
Width	1.339 Inch 34 Millimeter
Da max	168 mm
Db max	173 mm
UNSPSC	31171531
ra max	2 mm
rs min	2.1 mm
da min	112 mm
db min	107 mm
r1s min	1.1 mm
r1a max	1 mm
series:	72B
weight:	3.240 kg
Category	Angular Contact Ball Bearing
Inventory	0.0
Enclosure	Open
Snap Ring	No
Size (mm)	100x180x34
Nlim (oil)	4,500 rpm
bore type:	Round
Width (mm)	34,000

Flush Ground	Yes
Weight / LBS	7.16
maximum rpm:	4500 rpm
Cage Material	Steel
Contact Angle	40 Degree
Product Group	B00308
Inch - Metric	Metric
Nlim (grease)	3,400 rpm
closure type:	Open
bore diameter:	100 mm
cage material:	Steel
Keyword String	Angular Contact
contact angle:	40 °
fillet radius:	2.1 mm
overall width:	34 mm
Bearing number	7220BG
Dynamic load, C	130 kN
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Static load, C0	114 kN
Rolling Element	Ball Bearing
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
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	7.087 Inch 180 Millimeter
Contact angle ?	40 °
Manufacturer Name	NTN

bearing material:	High Carbon Chrome Steel
precision rating:	ISO Class 0
outer ring width:	34 mm
Weight / Kilogram	3.25
outside diameter:	180 mm
Number of Bearings	1 (Single)
Bore Diameter (mm)	100,000
Internal Clearance	C0-Medium
Outer Diameter (mm)	180,000
snap ring included:	Without Snap Ring
internal clearance:	C0
Minimum Buy Quantity	N/A
Mounting Arrangement	Universal
row type & fill slot:	Single-Row Non-Fill Slot
Fatigue limit load, Cu	4.4 kN
Harmonized Tariff Code	8482.10.50.28
Radial clearance class	CN
Number of Rows of Balls	Single Row
Manufacturer Item Number	7220BG
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
radial static load capacity:	114000 N
radial dynamic load capacity:	130000 N
Min operating temperature, Tmin	-40 °C
Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	120 °C

