



BEARING-SINGAPORE (PTE)LTD.



7312BG Bearing 2D drawings and 3D CAD models

60,000 mm x 130,000 mm x 31,000 mm NTN
7312BG angular contact ball bearings

Bearing No. 7312BG

Size	60x130x31 mm
Bore Diameter	60,000 mm
Outer Diameter	130,000 mm
Width	31,000 mm
d	60,000 mm
D	130,000 mm
B	31,000 mm
C	31,000 mm
a	56 mm
Contact angle	40 °
rs min	2.1 mm
r1s min	1.1 mm
Radial clearance class	CN
Mass	1.77 kg
Dynamic load, C	90 kN
Static load, C0	66 kN
Fatigue limit load, Cu	3 kN
Nlim (oil)	6,800 rpm
Nlim (grease)	5,100 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	72 mm
db min	67 mm
Da max	118 mm



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Db max	123 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	1.77
EAN	4547359451344
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	60MM Bore; 130MM Outside Diameter; 31MM 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	http://www.ntnamerica.com
Manufacturer Item Number	7312BG
Weight / LBS	3.89
Width	1.22 Inch 31 Millimeter
Bore	2.362 Inch 60 Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
bore diameter:	60 mm
radial static load capacity:	66000 N
outside diameter:	130 mm
operating temperature range:	-40 to 120 ° C
overall width:	31 mm
cage material:	Steel
contact angle:	40 °
outer ring width:	31 mm
row type & fill slot:	Single-Row Non-Fill Slot
maximum rpm:	6800 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:	73B
bearing material:	High Carbon Chrome Steel
weight:	1.760 kg
radial dynamic load capacity:	90000 N



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manufacturer product page:

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