



7207BG Bearing 2D drawings and 3D CAD models

NTN 7207BG Ball Bearing 7207B

Bearing No. 7207BG

Size	35x72x17 mm
Bore Diameter	35,000 mm
Outer Diameter	72,000 mm
Width	17,000 mm
d	35,000 mm
D	72,000 mm
B	17,000 mm
C	17,000 mm
a	31 mm
Contact angle	40 °
rs min	1.1 mm
r1s min	0.6 mm
Radial clearance class	CN
Mass	0.29 kg
Dynamic load, C	27.1 kN
Static load, C0	18.4 kN
Fatigue limit load, Cu	0.84 kN
Nlim (oil)	12,000 rpm
Nlim (grease)	9,300 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	42 mm
db min	39.5 mm
Da max	65 mm
Db max	67.5 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	0.289
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	35MM Bore; 72MM Outside Diameter; 17MM 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
Noun	Bearing

Keyword String	Angular Contact
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	7207BG
Weight / LBS	0.639
Outside Diameter	2.835 Inch 72 Millimeter
Bore	1.378 Inch 35 Millimeter
Width	0.669 Inch 17 Millimeter
bore diameter:	35 mm
radial static load capacity:	18400 N
outside diameter:	72 mm
operating temperature range:	-40 to 120 ° C
overall width:	17 mm
cage material:	Steel
contact angle:	40 °
outer ring width:	17 mm
row type & fill slot:	Single-Row Non-Fill Slot
maximum rpm:	12000 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:	0.289 kg
radial dynamic load capacity:	27100 N
manufacturer product page:	Click here