



NTN BEARUNG DRIVESHAFT, INC.



7305BG Bearing 2D drawings and 3D CAD models

25,000 mm x 62,000 mm x 17,000 mm NTN
7305BG angular contact ball bearings

Bearing No. 7305BG

Size	25x62x17 mm
Bore Diameter	25,000 mm
Outer Diameter	62,000 mm
Width	17,000 mm
d	25,000 mm
D	62,000 mm
B	17,000 mm
C	17,000 mm
a	27 mm
Contact angle	40 °
rs min	1.1 mm
r1s min	0.6 mm
Radial clearance class	CN
Mass	0.23 kg
Dynamic load, C	24.4 kN
Static load, C0	14.6 kN
Fatigue limit load, Cu	0.66 kN
Nlim (oil)	15,000 rpm
Nlim (grease)	11,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	3.77 Hz



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Characteristic outer ring frequency, BPF0	4.42 Hz
Characteristic inner ring frequency, BPF1	6.58 Hz
da min	32 mm
db min	29.5 mm
Da max	55 mm
Db max	57.5 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	0.236
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	25MM Bore; 62MM Outside Diameter; 17MM Width; Open; Yes Flush



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	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	7305BG
Weight / LBS	0.522
Bore	0.984 Inch 25 Millimeter
Width	0.669 Inch 17 Millimeter
Outside Diameter	2.441 Inch 62 Millimeter
bore diameter:	25 mm
radial static load capacity:	14600 N
outside diameter:	62 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:	17000 rpm
internal clearance:	C0
finish/coating:	Uncoated
bore type:	Round
precision rating:	ISO Class 0
closure type:	Open
fillet radius:	1.1 mm



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snap ring included:	Without Snap Ring
series:	73B
bearing material:	High Carbon Chrome Steel
weight:	0.236 kg
radial dynamic load capacity:	24400 N
manufacturer product page:	Click here