



Bearing No. 7305BG

B	17,000 mm
a	27 mm
C	17,000 mm
d	25,000 mm
D	62,000 mm
Noun	Bearing
Mass	0.23 kg
Bore	0.984 Inch 25 Millimeter
Width	0.669 Inch 17 Millimeter
ra max	1 mm
Db max	57.5 mm
Da max	55 mm
db min	29.5 mm
da min	32 mm
UNSPSC	31171531
rs min	1.1 mm
series:	73B
r1s min	0.6 mm
weight:	0.236 kg
r1a max	0.6 mm
Category	Angular Contact Ball Bearing
Enclosure	Open
Inventory	0.0
Snap Ring	No
Size (mm)	25x62x17
bore type:	Round
Width (mm)	17,000
Nlim (oil)	15,000 rpm

Flush Ground	Yes
maximum rpm:	17000 rpm
Weight / LBS	0.522
Cage Material	Steel
Inch - Metric	Metric
Nlim (grease)	11,000 rpm
Product Group	B00308
closure type:	Open
Contact Angle	40 Degree
Bearing number	7305BG
Keyword String	Angular Contact
bore diameter:	25 mm
cage material:	Steel
contact angle:	40 °
fillet radius:	1.1 mm
overall width:	17 mm
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Static load, C0	14.6 kN
Dynamic load, C	24.4 kN
Contact angle ?	40 °
Long Description	25MM Bore; 62MM Outside Diameter; 17MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring
Outside Diameter	2.441 Inch 62 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Name	NTN

outer ring width:	17 mm
precision rating:	ISO Class 0
outside diameter:	62 mm
bearing material:	High Carbon Chrome Steel
Weight / Kilogram	0.236
Bore Diameter (mm)	25,000
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Outer Diameter (mm)	62,000
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
Harmonized Tariff Code	8482.10.50.28
Radial clearance class	CN
Fatigue limit load, Cu	0.66 kN
Number of Rows of Balls	Single Row
Manufacturer Item Number	7305BG
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
radial static load capacity:	14600 N
radial dynamic load capacity:	24400 N
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No

Characteristic cage frequency, FTF	0.4 Hz
Characteristic outer ring frequency, BPF0	4.42 Hz
Characteristic inner ring frequency, BPF1	6.58 Hz
Characteristic rolling element frequency, BSF	3.77 Hz