



Bearing No. 7305B

D	62 mm
d	25 mm
B	17 mm
C	17 mm
a	27 mm
Mass	0.23 kg
Bore	0.984 Inch 25 Millimeter
Noun	Bearing
Width	0.669 Inch 17 Millimeter
Weight	0,234 Kg
rs min	1.1 mm
db min	29,5 mm
da min	32 mm
Da max	55 mm
r min.	1,1 mm
ra max	1 mm
UNSPSC	31171531
Db max	57.5 mm
r1s min	0.6 mm
r1a max	0.6 mm
ra max.	1 mm
da min.	32 mm
r1 min.	0,6 mm
series:	73B
weight:	0.236 kg
Category	Angular Contact Ball Bearing
Size (mm)	25x62x17
Snap Ring	No

Enclosure	Open
Inventory	0.0
bore type:	Round
Nlim (oil)	15,000 rpm
Width (mm)	17
Flush Ground	No
Weight / LBS	0.522
maximum rpm:	17000 rpm
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Steel
Product Group	B00308
Nlim (grease)	11,000 rpm
closure type:	Open
Keyword String	Angular Contact
bore diameter:	25 mm
overall width:	17 mm
contact angle:	40 °
fillet radius:	1.1 mm
cage material:	Steel
Bearing number	7305B
Angle (?)	40 °
Rolling Element	Ball Bearing
Dynamic load, C	24.4 kN
Static load, C0	14.6 kN
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Manufacturer URL	http://www.ntnamerica.com
Contact angle ?	40 °
Long Description	25MM Bore; 62MM Outside Diameter; 17MM Width; Open; No

	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
outside diameter:	62 mm
precision rating:	ISO Class 0
outer ring width:	17 mm
Manufacturer Name	NTN
bearing material:	High Carbon Chrome Steel
Weight / Kilogram	0.236
Number of Bearings	1 (Single)
Internal Clearance	C0-Medium
Bore Diameter (mm)	25
snap ring included:	Without Snap Ring
Outer Diameter (mm)	62
internal clearance:	C0
Minimum Buy Quantity	N/A
row type & fill slot:	Single-Row Non-Fill Slot
Harmonized Tariff Code	8482.10.50.28
Fatigue limit load, Cu	0.66 kN
Number of Rows of Balls	Single Row
Manufacturer Item Number	7305B
manufacturer product page:	Click here
(Grease) Lubrication Speed	11 000 r/min
operating temperature range:	-40 to 120 °C
radial static load capacity:	14600 N
Basic static load rating	14,6 kN

(C0)	
Basic dynamic load rating (C)	24,4 kN
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