



Bearing No. 7205B

D	52 mm
d	25 mm
B	15 mm
C	15 mm
a	24 mm
Mass	0.13 kg
Bore	0.984 Inch 25 Millimeter
Noun	Bearing
Width	0.591 Inch 15 Millimeter
Weight	0,129 Kg
rs min	1 mm
db min	29,5 mm
da min	30.5 mm
Da max	46.5 mm
r min.	1 mm
ra max	1 mm
UNSPSC	31171531
Db max	47.5 mm
r1s min	0.6 mm
r1a max	0.6 mm
ra max.	1 mm
da min.	30,5 mm
r1 min.	0,6 mm
series:	72B
weight:	0.130 kg
Category	Angular Contact Ball Bearing
Size (mm)	25x52x15
Snap Ring	No

Enclosure	Open
Inventory	2.0
bore type:	Round
Nlim (oil)	16,000 rpm
Width (mm)	15
Flush Ground	No
Weight / LBS	0.287
maximum rpm:	16000 rpm
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Steel
Product Group	B00308
Nlim (grease)	12,000 rpm
closure type:	Open
Keyword String	Angular Contact
bore diameter:	25 mm
overall width:	15 mm
contact angle:	40 °
fillet radius:	1 mm
cage material:	Steel
Bearing number	7205B
Angle (?)	40 °
Rolling Element	Ball Bearing
Dynamic load, C	14.8 kN
Static load, C0	9.4 kN
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Manufacturer URL	http://www.ntnamerica.com
Contact angle ?	40 °
Outside Diameter	2.047 Inch 52 Millimeter
Long Description	25MM Bore; 52MM

	Outside Diameter; 15MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring
outside diameter:	52 mm
precision rating:	ISO Class 0
outer ring width:	15 mm
Manufacturer Name	NTN
bearing material:	High Carbon Chrome Steel
Weight / Kilogram	0.13
Number of Bearings	1 (Single)
Internal Clearance	C0-Medium
Bore Diameter (mm)	25
snap ring included:	Without Snap Ring
Outer Diameter (mm)	52
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	0.43 kN
Number of Rows of Balls	Single Row
Manufacturer Item Number	7205B
manufacturer product page:	Click here
(Grease) Lubrication Speed	12 000 r/min
operating temperature range:	-40 to 120 °C
radial static load capacity:	9400 N
Basic static load rating	9,4 kN

(C0)	
Basic dynamic load rating (C)	14,8 kN
radial dynamic load capacity:	14800 N
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.42 Hz
Characteristic outer ring frequency, BPF0	5.49 Hz
Characteristic inner ring frequency, BRFI	7.51 Hz
Characteristic rolling element frequency, BSF	4.8 Hz