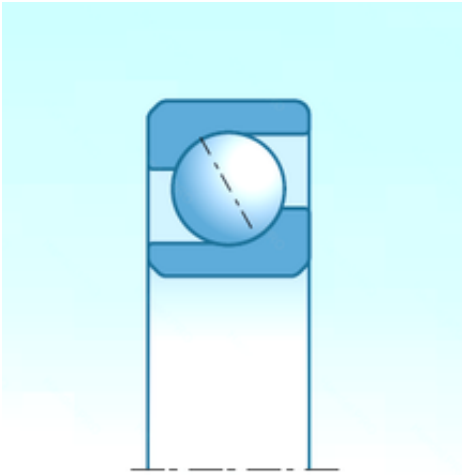




Bearing No. 7309BG

C	25,000 mm
a	43 mm
d	45,000 mm
D	100,000 mm
B	25,000 mm
Noun	Bearing
Mass	0.85 kg
Bore	1.772 Inch 45 Millimeter
Width	0.984 Inch 25 Millimeter
Db max	94.5 mm
ra max	1.5 mm
Da max	91.5 mm
db min	50.5 mm
da min	53.5 mm
UNSPSC	31171531
rs min	1.5 mm
series:	73B
r1s min	1 mm
weight:	0.847 kg
r1a max	1 mm
Category	Angular Contact Ball Bearing
Enclosure	Open
Inventory	0.0
Snap Ring	No
Size (mm)	45x100x25
bore type:	Round
Width (mm)	25,000
Nlim (oil)	8,900 rpm

Flush Ground	Yes
maximum rpm:	8900 rpm
Weight / LBS	1.872
Cage Material	Steel
Inch - Metric	Metric
Nlim (grease)	6,600 rpm
Product Group	B00308
closure type:	Open
Contact Angle	40 Degree
Bearing number	7309BG
Keyword String	Angular Contact
bore diameter:	45 mm
cage material:	Steel
contact angle:	40 °
fillet radius:	1.5 mm
overall width:	25 mm
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Static load, C0	40 kN
Dynamic load, C	58.5 kN
Rolling Element	Ball Bearing
Contact angle ?	40 °
Long Description	45MM Bore; 100MM Outside Diameter; 25MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	3.937 Inch 100 Millimeter
outer ring width:	25 mm

precision rating:	ISO Class 0
Weight / Kilogram	0.847
outside diameter:	100 mm
bearing material:	High Carbon Chrome Steel
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	45,000
Number of Bearings	1 (Single)
Outer Diameter (mm)	100,000
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	1.82 kN
Number of Rows of Balls	Single Row
Manufacturer Item Number	7309BG
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
radial static load capacity:	40000 N
radial dynamic load capacity:	58500 N
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No

Characteristic cage frequency, FTF	0.41 Hz
Characteristic outer ring frequency, BPF0	4.92 Hz
Characteristic inner ring frequency, BPF1	7.08 Hz
Characteristic rolling element frequency, BSF	4.1 Hz