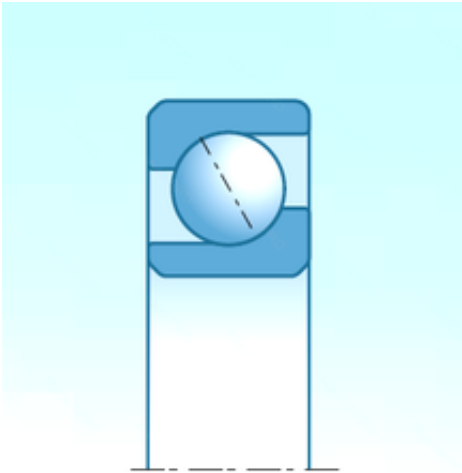




Bearing No. 7209BG

D	85,000 mm
d	45,000 mm
B	19,000 mm
C	19,000 mm
a	37 mm
Bore	1.772 Inch 45 Millimeter
Mass	0.41 kg
Noun	Bearing
Width	0.748 Inch 19 Millimeter
Da max	78 mm
Db max	80.5 mm
UNSPSC	31171531
ra max	1 mm
rs min	1.1 mm
da min	52 mm
db min	49.5 mm
r1s min	0.6 mm
r1a max	0.6 mm
series:	72B
weight:	0.407 kg
Category	Angular Contact Ball Bearing
Inventory	0.0
Enclosure	Open
Snap Ring	No
Size (mm)	45x85x19
Nlim (oil)	9,900 rpm
bore type:	Round
Width (mm)	19,000

Flush Ground	Yes
Weight / LBS	0.9
maximum rpm:	9900 rpm
Cage Material	Steel
Contact Angle	40 Degree
Product Group	B00308
Inch - Metric	Metric
Nlim (grease)	7,400 rpm
closure type:	Open
bore diameter:	45 mm
cage material:	Steel
Keyword String	Angular Contact
contact angle:	40 °
fillet radius:	1.1 mm
overall width:	19 mm
Bearing number	7209BG
Dynamic load, C	36 kN
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Static load, C0	26.2 kN
Rolling Element	Ball Bearing
Long Description	45MM Bore; 85MM Outside Diameter; 19MM 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	3.346 Inch 85 Millimeter
Contact angle ?	40 °
Manufacturer Name	NTN

bearing material:	High Carbon Chrome Steel
precision rating:	ISO Class 0
outer ring width:	19 mm
Weight / Kilogram	0.407
outside diameter:	85 mm
Number of Bearings	1 (Single)
Bore Diameter (mm)	45,000
Internal Clearance	C0-Medium
Outer Diameter (mm)	85,000
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
Fatigue limit load, Cu	1.19 kN
Harmonized Tariff Code	8482.10.50.28
Radial clearance class	CN
Number of Rows of Balls	Single Row
Manufacturer Item Number	7209BG
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
radial static load capacity:	26200 N
radial dynamic load capacity:	36000 N
Min operating temperature, Tmin	-40 °C
Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	120 °C

