



Bearing No. 7309B

D	100 mm
d	45 mm
B	25 mm
C	25 mm
a	18.0 mm
r1	1 mm
Noun	Bearing
Bore	1.772 Inch 45 Millimeter
Width	0.984 Inch 25 Millimeter
UNSPSC	31171531
r min.	1.5 mm
Weight	0.875 Kg
ra max.	1.5 mm
da min.	54 mm
Da max.	91 mm
r1 min.	1 mm
Category	Angular Contact Ball Bearing
ra (max)	1.5 mm
Size (mm)	45x100x25
da1 (min)	54 mm
da2 (min)	50 mm
Bore Size	45 mm
Bore Type	Cylindrical Bore
Da1 (max)	91 mm
Da2 (max)	94.6 mm
ra1 (max)	1 mm
Snap Ring	No
Enclosure	Open

Inventory	0.0
Width (mm)	25
Flush Ground	No
Weight / LBS	1.93
Contact Angle	40 Degree
Inch - Metric	Metric
Product Group	B00308
Configuration	Single Row
Cage Material	Steel
Bearing number	7309B
Keyword String	Angular Contact
Rolling Element	Ball Bearing
Angle (?)	40 °
Precision Class	ABEC 1 ISO P0
Long Description	45MM Bore; 100MM Outside Diameter; 25MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring
Manufacturer URL	http://www.nachi.com
Outside Diameter	3.937 Inch 100 Millimeter
Manufacturer Name	NACHI
Weight / Kilogram	0.876
Static Load Rating	41,500 N
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Bore Diameter (mm)	45
Outer Diameter (mm)	100
Dynamic Load Rating	60,000 N
Minimum Buy Quantity	N/A
Limiting Speed - Oil	7,500 rpm

Fillet Radius/Chamfer	1.5 mm
Harmonized Tariff Code	8482.10.50.28
Limiting Speed - Grease	5,600 rpm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7309 B BNLS
(Grease) Lubrication Speed	5600 r/min
Basic dynamic load rating (C)	60 kN
Basic static load rating (C0)	41,5 kN
Maximum Capacity / Filling Slot	No