



Bearing No. 7310B

D	110 mm
d	50 mm
B	27 mm
C	27 mm
a	20.1 mm
r1	1 mm
Noun	Bearing
Bore	1.969 Inch 50 Millimeter
Width	1.063 Inch 27 Millimeter
UNSPSC	31171531
r min.	2 mm
Weight	1.14 Kg
ra max.	2 mm
da min.	60 mm
Da max.	100 mm
r1 min.	1 mm
Category	Angular Contact Ball Bearing
ra (max)	2 mm
Size (mm)	50x110x27
da1 (min)	60 mm
da2 (min)	56 mm
Bore Size	50 mm
Bore Type	Cylindrical Bore
Da1 (max)	100 mm
Da2 (max)	104 mm
ra1 (max)	1 mm
Snap Ring	No
Enclosure	Open

Inventory	0.0
Width (mm)	27
Flush Ground	No
Weight / LBS	2.51
Contact Angle	40 Degree
Inch - Metric	Metric
Product Group	B00308
Configuration	Single Row
Cage Material	Steel
Bearing number	7310B
Keyword String	Angular Contact
Rolling Element	Ball Bearing
Angle (?)	40 °
Precision Class	ABEC 1 ISO P0
Long Description	50MM Bore; 110MM Outside Diameter; 27MM 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	4.331 Inch 110 Millimeter
Manufacturer Name	NACHI
Weight / Kilogram	1.14
Static Load Rating	49,500 N
Bore Diameter (mm)	50
Number of Bearings	1 (Single)
Internal Clearance	C0-Medium
Dynamic Load Rating	70,500 N
Outer Diameter (mm)	110
Limiting Speed - Oil	6,700 rpm
Minimum Buy Quantity	N/A

Fillet Radius/Chamfer	2 mm
Harmonized Tariff Code	8482.10.50.28
Limiting Speed - Grease	5,000 rpm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7310 B BNLS
(Grease) Lubrication Speed	5000 r/min
Basic static load rating (C0)	49,5 kN
Basic dynamic load rating (C)	70,5 kN
Maximum Capacity / Filling Slot	No