



Bearing No. 5216

D	140 mm
d	80 mm
B	44.4 mm
C	44.4 mm
Cy	7.4 mm
ra	2 mm
Dx	152 mm
da	90 mm 130 mm
Bore	3.15 Inch 80 Millimeter
Noun	Bearing
Width	1.748 Inch 44.4 Millimeter
UNSPSC	31171531
r min.	2 mm
Weight	2.48 Kg
Category	Angular Contact Ball Bearing
Enclosure	Open
Bore Type	Cylindrical Bore
Inventory	0.0
Snap Ring	No
Bore Size	80 mm
Size (mm)	80x140x44.4
Width (mm)	44.4
Weight / LBS	5.45
Flush Ground	No
Configuration	Double Row
Inch - Metric	Metric
Contact Angle	20 Degree
Cage Material	Steel
Product Group	B00152

Bearing number	5216
Keyword String	Angular Contact
Angle (?)	30 °
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Long Description	80MM Bore; 140MM Outside Diameter; 44.4MM Width; Open; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring
Manufacturer URL	http://www.nachi.com
Outside Diameter	5.512 Inch 140 Millimeter
Radial Clearance	0.010 to 0.030 mm
Weight / Kilogram	2.472
Manufacturer Name	NACHI
Number of Bearings	1 (Single)
Bore Diameter (mm)	80
Internal Clearance	C0-Medium
Static Load Rating	94,000 N
Outer Diameter (mm)	140
Dynamic Load Rating	104,000 N
Limiting Speed - Oil	4,600 rpm
Minimum Buy Quantity	N/A
Fillet Radius/Chamfer	2 mm
Harmonized Tariff Code	8482.10.50.28
Limiting Speed - Grease	3,500 rpm
Number of Rows of Balls	Double Row
Manufacturer Item Number	5216 BNLS
(Grease) Lubrication Speed	3500 r/min

Basic dynamic load rating (C)	104 kN
Basic static load rating (C0)	94 kN
Maximum Capacity / Filling Slot	No