



## Machinery Parts USA CORP.



6208 Bearing 2D drawings and 3D CAD models

Deep Groove Ball Bearing 6208 Zz C3 6210 Zz  
C3 6305 Zz C3 6306 2RS C3 NACHI Koyo NTN  
NSK Timken SKF

Bearing No. 6208

Size	40x80x18 mm
Bore Diameter	40 mm
Outer Diameter	80 mm
Width	18 mm
d	40 mm
D	80 mm
B	18 mm
C	18 mm
r min.	1.1 mm
da min.	47 mm
Da max.	73 mm
ra max.	1.0 mm
Weight	0.366 Kg
Basic dynamic load rating (C)	29,1 kN
Basic static load rating (C0)	17,9 kN
(Grease) Lubrication Speed	8200 r/min
Category	Single Row Ball Bearings
Inventory	1.0
Manufacturer Name	NACHI
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0



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Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	40MM Bore; 80MM Outside Diameter; 18MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Other Features	Deep Groove
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.nachiamerica.com">http://www.nachiamerica.com</a>
Weight / LBS	0.807
Outer Race Width	0.709 Inch   18 Millimeter
Outside Diameter	3.15 Inch   80 Millimeter
Bore	1.575 Inch   40 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Bore Type	Cylindrical Bore
Configuration	Single Row
Bore Size	40 mm
Width	18 mm
Fillet Radius/Chamfer	1.1 mm



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Dynamic Load Rating	29,100 N
Static Load Rating	17,900 N
Limiting Speed - Grease	8,700 rpm
Limiting Speed - Oil	10,000 rpm
Factor fo	14.0
Radial Clearance	0.006 to 0.020 mm
da (min)	47 mm
Da (max)	73 mm
ra (max)	1 mm