



## BEARING FORGE OF AMERICA CORP.



6209 C3- O&Kai Z1V1 Z2V2 Z3V3 ISO Deep Groove Ball Bearing SKF NSK NTN NACHI Koyo OEM

Bearing No. 6209

6209 Bearing 2D drawings and 3D CAD models

Size	45x85x19 mm
Bore Diameter	45 mm
Outer Diameter	85 mm
Width	19 mm
d	45 mm
D	85 mm
B	19 mm
C	19 mm
r min.	1.1 mm
da min.	52 mm
Da max.	78 mm
ra max.	1.0 mm
Weight	0.407 Kg
Basic dynamic load rating (C)	32,5 kN
Basic static load rating (C0)	20,5 kN
(Grease) Lubrication Speed	7600 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NACHI
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0



## BEARING FORGE OF AMERICA CORP.

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	45MM Bore; 85MM Outside Diameter; 19MM 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	0.92
Outer Race Width	0.748 Inch   19 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Bore	1.772 Inch   45 Millimeter
Outside Diameter	3.346 Inch   85 Millimeter
Bore Type	Cylindrical Bore
Configuration	Single Row
Bore Size	45 mm
Width	19 mm
Fillet Radius/Chamfer	1.1 mm



## BEARING FORGE OF AMERICA CORP.

Dynamic Load Rating	32,500 N
Static Load Rating	20,500 N
Limiting Speed - Grease	7,800 rpm
Limiting Speed - Oil	9,300 rpm
Factor $f_0$	14.1
Radial Clearance	0.006 to 0.023 mm
$d_a$ (min)	52 mm
$D_a$ (max)	78 mm
$r_a$ (max)	1 mm