



## BEARING PRECISION AXLE CORP.



Deep Groove Ball Bearing 6012 2RS C3 6200 Zz  
C3 6202 Zz C3 6203 Zz C3 6204 2RS C3 NSK  
NTN NACHI Koyo SKF Timken

Bearing No. 6012

6012 Bearing 2D drawings and 3D CAD models

Size	60x95x18 mm
Bore Diameter	60 mm
Outer Diameter	95 mm
Width	18 mm
d	60 mm
D	95 mm
B	18 mm
C	18 mm
r min.	1.1 mm
da min.	66 mm
Da max.	89 mm
ra max.	1.0 mm
Weight	0.418 Kg
Basic dynamic load rating (C)	29,4 kN
Basic static load rating (C0)	23,2 kN
(Grease) Lubrication Speed	7000 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 PRECISION AXLE 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	60MM Bore; 95MM 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>
Bore	2.362 Inch   60 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Outer Race Width	0.709 Inch   18 Millimeter
Outside Diameter	3.74 Inch   95 Millimeter
Bore Type	Cylindrical Bore
Configuration	Single Row
Bore Size	60 mm
Width	18 mm
Fillet Radius/Chamfer	1.1 mm
Dynamic Load Rating	29,400 N



## BEARING PRECISION AXLE CORP.

Static Load Rating	23,200 N
Limiting Speed - Grease	7,100 rpm
Limiting Speed - Oil	8,500 rpm
Factor $f_0$	15.5
Radial Clearance	0.008 to 0.028 mm
da (min)	66 mm
Da (max)	89 mm
ra (max)	1 mm