



# Timken Bearing Company



6308 6308zz 6308 2RS Z1V1 Z2V2 Z3V3 Deep Groove Ball Bearing SKF NSK NTN NACHI Koyo FAG OEM

Bearing No. 6308

6308 Bearing 2D drawings and 3D CAD models

Size	40x90x23 mm
Bore Diameter	40 mm
Outer Diameter	90 mm
Width	23 mm
d	40 mm
D	90 mm
B	23 mm
C	23 mm
r min.	1.5 mm
da min.	49 mm
Da max.	81 mm
ra max.	1.5 mm
Weight	0.633 Kg
Basic dynamic load rating (C)	40,5 kN
Basic static load rating (C0)	24,1 kN
(Grease) Lubrication Speed	7500 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



## Timken Bearing Company

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; 90MM Outside Diameter; 23MM 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	1.411
Bore	1.575 Inch   40 Millimeter
Outside Diameter	3.543 Inch   90 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Outer Race Width	0.906 Inch   23 Millimeter
Bore Type	Cylindrical Bore
Configuration	Single Row
Bore Size	40 mm
Width	23 mm
Fillet Radius/Chamfer	1.5 mm



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Dynamic Load Rating	40,500 N
Static Load Rating	24,100 N
Limiting Speed - Grease	7,800 rpm
Limiting Speed - Oil	9,200 rpm
Factor $f_0$	13.2
Radial Clearance	0.006 to 0.020 mm
$d_a$ (min)	49 mm
$D_a$ (max)	81 mm
$r_a$ (max)	1.5 mm