



## NTN Bearing Brazil Bearings Ltda.



6308 6308zz 6308 2RS 40\*90\*23mm Bearing and  
Japan NSK Deep Groove Ball Bearing 6308DDU  
C3 / 6308zz

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.	48 mm
da max	53 mm
Da max.	82 mm
ra max.	1,5 mm
Weight	0,636 Kg
Basic dynamic load rating (C)	40,5 kN
Basic static load rating (C0)	24 kN
(Grease) Lubrication Speed	7 500 r/min
(Oil) Lubrication Speed	9 000 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.64
EAN	0029176016868



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Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
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 Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
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.nskamericas.com">http://www.nskamericas.com</a>
Manufacturer Item Number	6308
Weight / LBS	0.633
Outside Diameter	3.543 Inch   90 Millimeter
Bore	1.575 Inch   40 Millimeter
Outer Race Width	0.906 Inch   23 Millimeter
bore diameter:	40 mm
internal clearance:	C0
outside diameter:	90 mm
dynamic load capacity:	40500 N
overall width:	23 mm



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precision rating:	ABEC1, P0
bore type:	Round
finish/coating:	Uncoated
closure type:	Open
cage material:	Steel Cage
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm:	9000 rpm
snap ring included:	Without Snap Ring
SRI	7.62
hidYobi	6308
LangID	1
D_	90
SREX	0.065
B_	23
da min	48
hidTable	ecat_NSRDGB
Oil rpm	9000
SRE	7.99
mass	0.636
GRS rpm	7500
ra	1.5
SRIX	0.03
D_a	82
SRIN	0
C0	24
fo	13.2
SREN	0
DE_	80.081
Prod_Type3	DGBB_SR_OT
DA_	15.081
bomp	0
Z_	8



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yobi	6308
C_conv	40500
ALPHA_	0
SDM_	65
r	1.5
KBRG	6101
SBRG	3
DI_	49.919