



6309ZZ NSK Deep Groove Ball Bearings

Bearing No. 6309ZZ

Size	45x100x25 mm
Bore Diameter	45 mm
Outer Diameter	100 mm
Width	25 mm
d	45 mm
D	100 mm
B	25 mm
C	25 mm
r min.	1,5 mm
da min.	53 mm
da max	61,5 mm
Da max.	92 mm
ra max.	1,5 mm
Weight	0,829 Kg
Basic dynamic load rating (C)	53 kN
Basic static load rating (C0)	32 kN
(Grease) Lubrication Speed	6 700 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.842
EAN	0029176017049
Product Group	B00308
Enclosure	2 Metal Shields
Precision Class	ABEC 1 ISO P0

6309ZZ Bearing 2D drawings and 3D CAD models

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; 100MM Outside Diameter; 25MM Outer Race Diameter; 2 Metal Shields; 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	http://www.nskamericas.com
Manufacturer Item Number	6309ZZ
Weight / LBS	0.82
Bore	1.772 Inch 45 Millimeter
Outer Race Width	0.984 Inch 25 Millimeter
Outside Diameter	3.937 Inch 100 Millimeter
bore diameter:	45 mm
snap ring included:	Without Snap Ring
outside diameter:	100 mm
internal clearance:	C0
overall width:	25 mm
dynamic load capacity:	53000 N
bore type:	Round

precision rating:	ABEC1, P0
closure type:	Double Shielded
finish/coating:	Uncoated
row type & fill slot:	Single Row Non-Fill Slot
cage material:	Steel Cage
SRI	9.04
hidYobi	6309ZZ
LangID	1
D_	100
SREX	0.03
B_	25
da min	53
hidTable	ecat_NSRDGB
SRE	9.04
mass	0.829
GRS rpm	6700
ra	1.5
SRIX	0.03
D_a	92
SRIN	-0.03
C0	32
fo	13.1
SREN	-0.03
DE_	91.982
Prod_Type3	DGBB_SR_ZZ
DA_	17.462
bomp	0
Z_	8
yobi	6309ZZ
C_conv	53000
ALPHA_	0
SDM_	74.52

r	1.5
KBRG	6141
SBRG	3
DI_	57.058