



6909 NSK Deep Groove Ball Bearing

Bearing No. 6909

Size	45x68x12 mm
Bore Diameter	45 mm
Outer Diameter	68 mm
Width	12 mm
d	45 mm
D	68 mm
B	12 mm
C	12 mm
r min.	0,6 mm
da min.	49 mm
da max	50 mm
Da max.	64 mm
ra max.	0,6 mm
Weight	0,126 Kg
Basic dynamic load rating (C)	14,1 kN
Basic static load rating (C0)	10,9 kN
(Grease) Lubrication Speed	9 500 r/min
(Oil) Lubrication Speed	12 000 r/min
Category	Single Row Ball Bearings
Inventory	1.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.06
EAN	0029176030086
Product Group	B00308
Enclosure	Open

6909 Bearing 2D drawings and 3D CAD models



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	45MM Bore; 68MM Outside Diameter; 12MM 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	http://www.nskamericas.com
Manufacturer Item Number	6909
Weight / LBS	0.13
Outside Diameter	2.677 Inch 68 Millimeter
Outer Race Width	0.472 Inch 12 Millimeter
Bore	1.772 Inch 45 Millimeter
bore diameter:	45 mm
internal clearance:	C0
outside diameter:	68 mm
dynamic load capacity:	14100 N
overall width:	12 mm
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:	12000 rpm
snap ring included:	Without Snap Ring
SRI	3.49
hidYobi	6909
LangID	1
D_	68
SREX	0.02
B_	12
da min	49
hidTable	ecat_NSRDGB
Oil rpm	12000
SRE	3.49
mass	0.126
GRS rpm	9500
ra	0.6
SRIX	0.02
D_a	64
SRIN	-0.02
C0	10.9
fo	15.9
SREN	-0.02
DE_	63.247
Prod_Type3	DGBB_SR_OT
DA_	6.747
bomp	0
Z_	15
yobi	6909



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C_conv	14100
ALPHA_	0
SDM_	56.5
r	0.6
KBRG	6101
SBRG	19
DI_	49.753