



BEARING FORGE OF AMERICA CORP.



30 mm x 47 mm x 9 mm nsk 6906 bearing

Bearing No. 6906

Size	30x47x9 mm
Bore Diameter	30 mm
Outer Diameter	47 mm
Width	9 mm
d	30 mm
D	47 mm
B	9 mm
C	9 mm
r min.	0,3 mm
da min.	32 mm
da max	34 mm
Da max.	45 mm
ra max.	0,3 mm
Weight	0,052 Kg
Basic dynamic load rating (C)	7,25 kN
Basic static load rating (C0)	5 kN
(Grease) Lubrication Speed	14 000 r/min
(Oil) Lubrication Speed	17 000 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.02
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0

6906 Bearing 2D drawings and 3D CAD models



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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	30MM Bore; 47MM Outside Diameter; 9MM 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	6906
Weight / LBS	0.049
Outer Race Width	0.354 Inch 9 Millimeter
Outside Diameter	1.85 Inch 47 Millimeter
Bore	1.181 Inch 30 Millimeter
bore diameter:	30 mm
static load capacity:	5000 N
outside diameter:	47 mm
precision rating:	ABEC 1 (ISO Class Normal)
overall width:	9 mm
finish/coating:	Uncoated
bore type:	Round



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cage material:	Steel
closure type:	Open
outer ring width:	9 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
internal clearance:	C0
maximum rpm:	17000 RPM
operating temperature range:	Maximum of +250 ° F
series:	69
dynamic load capacity:	7250 N
SRI	2.46
hidYobi	6906
LangID	1
D_	47
SREX	0.015
B_	9
da min	32
hidTable	ecat_NSRDGB
Oil rpm	17000
SRE	2.46
mass	0.052
GRS rpm	14000
ra	0.3
SRIX	0.015
D_a	45
SRIN	-0.015
C0	5
fo	15.8
SREN	-0.015
DE_	43.262
Prod_Type3	DGBB_SR_OT
DA_	4.762



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bomp	0
Z_	14
yobi	6906
C_conv	7250
ALPHA_	0
SDM_	38.5
r	0.3
KBRG	6101
SBRG	19
DI_	33.738