



BEARING DRIVESHAFT, INC.



17 mm x 30 mm x 7 mm nsk 6903 bearing

Bearing No. 6903

Size	17x30x7 mm
Bore Diameter	17 mm
Outer Diameter	30 mm
Width	7 mm
d	17 mm
D	30 mm
B	7 mm
C	7 mm
r min.	0,3 mm
da min.	19 mm
da max	19,5 mm
Da max.	28 mm
ra max.	0,3 mm
Weight	0,017 Kg
Basic dynamic load rating (C)	4,6 kN
Basic static load rating (C0)	2,55 kN
(Grease) Lubrication Speed	24 000 r/min
(Oil) Lubrication Speed	28 000 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.019
EAN	0029176026768
Product Group	B00308
Enclosure	Open

6903 Bearing 2D drawings and 3D CAD models



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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	17MM Bore; 30MM Outside Diameter; 7MM 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	6903
Weight / LBS	0.018
Outside Diameter	1.181 Inch 30 Millimeter
Outer Race Width	0.276 Inch 7 Millimeter
Bore	0.669 Inch 17 Millimeter
bore diameter:	17 mm
static load capacity:	2550 N
outside diameter:	30 mm
precision rating:	ABEC 1 (ISO Class Normal)
overall width:	7 mm
finish/coating:	Uncoated



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bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	7 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
internal clearance:	C0
maximum rpm:	28000 RPM
operating temperature range:	Maximum of +250 ° F
series:	69
dynamic load capacity:	4600 N
SRI	2.05
hidYobi	6903
LangID	1
D_	30
SREX	0.015
B_	7
da min	19
hidTable	ecat_NSRDGB
Oil rpm	28000
SRE	2.05
mass	0.017
GRS rpm	24000
ra	0.3
SRIX	0.015
D_a	28
SRIN	-0.015
C0	2.55
fo	14.7
SREN	-0.015
DE_	27.469
Prod_Type3	DGBB_SR_OT



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DA_	3.969
bomp	0
Z_	11
yobi	6903
C_conv	4600
ALPHA_	0
SDM_	23.5
r	0.3
KBRG	6101
SBRG	19
DI_	19.531