



# BEARING DRIVESHAFT, INC.



## 17 mm x 35 mm x 10 mm nsk 6003 bearing

Bearing No. 6003

Size	17x35x10 mm
Bore Diameter	17 mm
Outer Diameter	35 mm
Width	10 mm
d	17 mm
D	35 mm
B	10 mm
C	10 mm
r min.	0,3 mm
da min.	19 mm
da max	21,5 mm
Da max.	33 mm
ra max.	0,3 mm
Weight	0,041 Kg
Basic dynamic load rating (C)	6 kN
Basic static load rating (C0)	3,25 kN
(Grease) Lubrication Speed	22 000 r/min
(Oil) Lubrication Speed	26 000 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.04
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0

6003 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	17MM Bore; 35MM Outside Diameter; 10MM 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	6003
Weight / LBS	0.09
Outer Race Width	0.394 Inch   10 Millimeter
Bore	0.669 Inch   17 Millimeter
Outside Diameter	1.378 Inch   35 Millimeter
bore diameter:	17 mm
closure type:	Open
outside diameter:	35 mm
internal clearance:	Normal Clearance
overall width:	10 mm
manufacturer upc number:	029176012389
bore type:	Round



## BEARING DRIVESHAFT, INC.

SRI	2.46
hidYobi	6003
LangID	1
D_	35
SREX	0.03
B_	10
da min	19
hidTable	ecat_NSRDGB
Oil rpm	26000
SRE	2.52
mass	0.041
GRS rpm	22000
ra	0.3
SRIX	0.015
D_a	33
SRIN	-0.015
C0	3.25
fo	14.4
SREN	0
DE_	30.762
Prod_Type3	DGBB_SR_OT
DA_	4.762
bomp	0
Z_	10
yobi	6003
C_conv	6000
ALPHA_	0
SDM_	26
r	0.3
KBRG	6101
SBRG	10
DI_	21.238



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