



# BEARING DRIVESHAFT, INC.



## 20 mm x 42 mm x 12 mm nsk 6004 bearing

Bearing No. 6004

Size	20x42x12 mm
Bore Diameter	20 mm
Outer Diameter	42 mm
Width	12 mm
d	20 mm
D	42 mm
B	12 mm
C	12 mm
r min.	0,6 mm
da min.	24 mm
da max	25,5 mm
Da max.	38 mm
ra max.	0,6 mm
Weight	0,068 Kg
Basic dynamic load rating (C)	9,4 kN
Basic static load rating (C0)	5 kN
(Grease) Lubrication Speed	18 000 r/min
(Oil) Lubrication Speed	20 000 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.03
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0

6004 Bearing 2D drawings and 3D CAD models



## BEARING DRIVESHAFT, INC.

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	20MM Bore; 42MM 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	<a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
Manufacturer Item Number	6004
Weight / LBS	0.067
Bore	0.787 Inch   20 Millimeter
Outside Diameter	1.654 Inch   42 Millimeter
Outer Race Width	0.472 Inch   12 Millimeter
SRI	3.21
hidYobi	6004
LangID	1
D_	42
SREX	0.04
B_	12
da min	24



## BEARING DRIVESHAFT, INC.

hidTable	ecat_NSRDGB
Oil rpm	20000
SRE	3.37
mass	0.068
GRS rpm	18000
ra	0.6
SRIX	0.02
D_a	38
SRIN	0
C0	5
fo	13.8
SREN	0
DE_	37.35
Prod_Type3	DGBB_SR_OT
DA_	6.35
bomp	0
Z_	9
yobi	6004
C_conv	9400
ALPHA_	0
SDM_	31
r	0.6
KBRG	6101
SBRG	10
DI_	24.65