



FDR Bearing Machine Co., Ltd



Japan NSK 6004 6004DU 6004-2RS 6004ZZ
6004Z Deep Groove Ball Bearing NSK 6004

Bearing No. 6004

6004 Bearing 2D drawings and 3D CAD models

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
EAN	0029176012488
Product Group	B00308



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Enclosure	Open
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	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	http://www.nskamericas.com
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



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da min	24
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