



BEARING DRIVESHAFT, INC.



20 mm x 32 mm x 7 mm nsk 6804 bearing

Bearing No. 6804

6804 Bearing 2D drawings and 3D CAD models

Size	20x32x7 mm
Bore Diameter	20 mm
Outer Diameter	32 mm
Width	7 mm
d	20 mm
D	32 mm
B	7 mm
C	7 mm
r min.	0,3 mm
da min.	22 mm
da max	22 mm
Da max.	30 mm
ra max.	0,3 mm
Weight	0,017 Kg
Basic dynamic load rating (C)	4 kN
Basic static load rating (C0)	2,47 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	0.01
EAN	0029176026652
Product Group	B00308
Enclosure	Open



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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	20MM Bore; 32MM 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	6804
Weight / LBS	0.017
Bore	0.787 Inch 20 Millimeter
Outer Race Width	0.276 Inch 7 Millimeter
Outside Diameter	1.26 Inch 32 Millimeter
bore diameter:	20 mm
static load capacity:	2470 N
outside diameter:	32 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:	26000 RPM
operating temperature range:	Maximum of +250 ° F
series:	68
dynamic load capacity:	4000 N
SRI	1.81
hidYobi	6804
LangID	1
D_	32
SREX	0.015
B_	7
da min	22
hidTable	ecat_NSRDGB
Oil rpm	26000
SRE	1.81
mass	0.017
GRS rpm	22000
ra	0.3
SRIX	0.015
D_a	30
SRIN	-0.015
C0	2.47
fo	15.5
SREN	-0.015
DE_	29.1
Prod_Type3	DGBB_SR_OT



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DA_	3.5
bomp	0
Z_	13
yobi	6804
C_conv	4000
ALPHA_	0
SDM_	25.6
r	0.3
KBRG	6101
SBRG	18
DI_	22.1