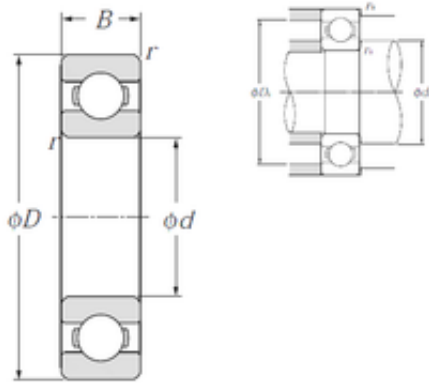




## BEARING DRIVESHAFT, INC.

30 mm x 42 mm x 7 mm NTN 6806 deep groove ball bearings

Bearing No. 6806



6806 Bearing 2D drawings and 3D CAD models

Size	30x42x7 mm
Bore Diameter	30 mm
Outer Diameter	42 mm
Width	7 mm
d	30 mm
D	42 mm
B	7 mm
C	7 mm
r min.	0,3 mm
da min.	32 mm
da max	33 mm
Da max.	40 mm
ra max.	0,3 mm
Weight	0,026 Kg
Basic dynamic load rating (C)	4,7 kN
Basic static load rating (C0)	3,65 kN
(Grease) Lubrication Speed	15 000 r/min
(Oil) Lubrication Speed	18 000 r/min
rs min	0.3 mm
Radial clearance class	CN
Mass	0.03 kg
Dynamic load, C	4.7 kN
Static load, C0	3.65 kN
Fatigue limit load, Cu	0.17 kN
f0	16.5



## BEARING DRIVESHAFT, INC.

Nlim (oil)	18,000 rpm
Nlim (grease)	15,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	10.19 Hz
Characteristic outer ring frequency, BPF0	8.12 Hz
Characteristic inner ring frequency, BRF1	9.88 Hz
da min	32 mm
Da max	40 mm
ra max	0.3 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.023
EAN	4547359006179
Product Group	B00308
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



## BEARING DRIVESHAFT, INC.

Long Description	30MM Bore; 42MM 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	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	6806
Weight / LBS	0.05
Bore	1.181 Inch   30 Millimeter
Outer Race Width	0.276 Inch   7 Millimeter
Outside Diameter	1.654 Inch   42 Millimeter
bore diameter:	30 mm
precision rating:	Class 0
outside diameter:	42 mm
finish/coating:	Uncoated
overall width:	7 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	7 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	7 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	15000 rpm
internal clearance:	CN



## BEARING DRIVESHAFT, INC.

maximum rpm (oil):	18000 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	0.3 mm
dynamic load capacity:	4700 N
manufacturer product page:	<a href="#">Click here</a>
static load capacity:	3650 N