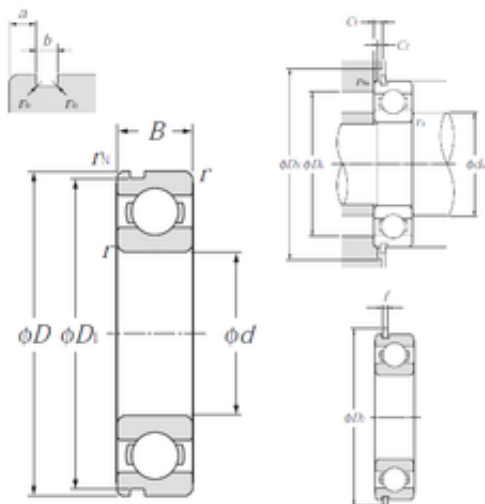




BEARING DRIVESHAFT, INC.



30 mm x 55 mm x 13 mm NTN 6006NR deep groove ball bearings

Bearing No. 6006NR

Size	30x55x13 mm
Bore Diameter	30 mm
Outer Diameter	55 mm
Width	13 mm
d	30 mm
D	55 mm
B	13 mm
C	13 mm
rn	0,5 mm
a	2,08 mm
b	1,35 mm
f	1,12 mm
r min.	1 mm
r0 max.	0,4 mm
D1	52,6 mm
D2	60,7 mm
da min.	35 mm
da max	37 mm
Da max.	50 mm
ra max.	1 mm
Dx	61,5 mm
Cy	2,9 mm
Cz	1,2 mm
rn	0,5 mm
Weight	0,116 Kg

6006NR Bearing 2D drawings and 3D CAD models



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Basic dynamic load rating (C)	13,2 kN
Basic static load rating (C0)	8,3 kN
(Grease) Lubrication Speed	13 000 r/min
(Oil) Lubrication Speed	15 000 r/min
a min	1.88 mm
a max	2.08 mm
Ca min	2.9 mm
Ca max	3.2 mm
rs min	1 mm
rNs min	0.5 mm
D3 max	52.6 mm
b min	1.35 mm
b max	1.65 mm
r0 max	0.4 mm
D4 max	60.7 mm
Snap ring reference	R55
Radial clearance class	CN
Mass	0.12 kg
Dynamic load, C	13.2 kN
Static load, C0	8.3 kN
Fatigue limit load, Cu	0.38 kN
f0	14.8
Nlim (oil)	15,000 rpm
Nlim (grease)	13,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.85 Hz
Characteristic outer ring	4.59 Hz



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frequency, BPF0	
Characteristic inner ring frequency, BPF1	6.41 Hz
da min	35 mm
Da max	50 mm
ra max	1 mm
rNa max	0.5 mm
Db min	61.5 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.119
EAN	4547359326703
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	Yes
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	30MM Bore; 55MM Outside Diameter; 13MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68



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Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	6006NR
Weight / LBS	0.263
Outer Race Width	0.512 Inch 13 Millimeter
Outside Diameter	2.165 Inch 55 Millimeter
Bore	1.181 Inch 30 Millimeter
bore diameter:	30 mm
finish/coating:	Uncoated
outside diameter:	55 mm
bearing material:	High Carbon Chrome Steel
overall width:	13 mm
cage material:	Steel
bore type:	Round
inner ring width:	13 mm
closure type:	Open
outer ring width:	13 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	13000 rpm
snap ring included:	With Snap Ring
maximum rpm (oil):	15000 rpm
internal clearance:	CN
fillet radius:	1 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	15000 RPM
dynamic load capacity:	13200 N
series:	60
static load capacity:	8300 N
manufacturer product page:	Click here
precision rating:	ISO Class 0



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