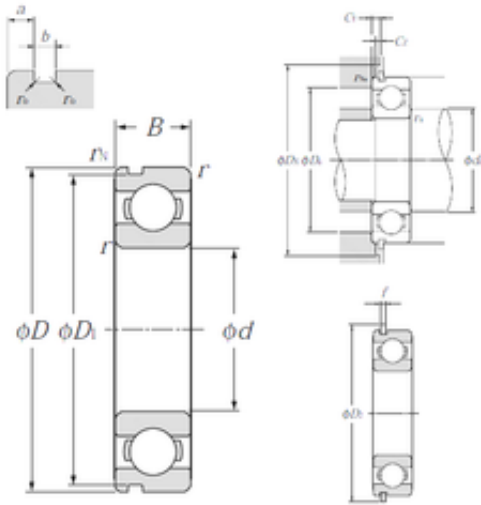




BEARING DRIVESHAFT, INC.



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

Bearing No. 6006NR

6006NR Bearing 2D drawings and 3D CAD models

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



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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
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
Noun	Bearing



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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