



A ϕ	20	25	32	40	50	65
B	70 ^{+0.08}	85 ^{+0.08}	110 ^{+0.08}	135 ^{+0.08}	170 ^{+0.08}	215 ^{+0.08}
C	12	14	18	21	26	35
D	1	1	1	1	1	1
E	25	29	37	43	53	71
F	17.3	20	25.9	31.5	39.1	50.5
G ϕ	3.85	4.5	5.55	5.75	6.95	10.25
H	60	75	100	120	150	195
I	6	6	6	6	6	6
J ϕ	M3x0.5	M4x0.7	M5x0.8	M6x1	M8x1.25	M10x1.5
K ϕ	9 ^{+0.015}	11 ^{+0.015}	14 ^{+0.015}	19 ^{+0.015}	24 ^{+0.015}	35 ^{+0.015}
L	34 \pm .0125	44 \pm .015	54 \pm .015	64 \pm .015	84 \pm .015	108 \pm .018
M	10.4	12.8	16.3	16.3	21.8	27.3
N	.4	.4	.4	.4	.4	.4
P	6	8	10	12	16	20
R ϕ	1.5	1.5	1.5	1.5	1.5	1.5
U ϕ	4.7	5.9	7.7	9.5	11.9	15.0
V	54.8	69.7	92.6	111.4	135	177
cc	1 ^{+0.015}	1 ^{+0.015}	1 ^{+0.015}	1 ^{+0.015}	1 ^{+0.015}	1 ^{+0.015}
dd	.016	.016	.017	.019	.024	.027
cc	.017	.024	.026	.026	.028	.034
bb	.013	.016	.016	.017	.021	.025
Weight (lb)	0.5 (1.1)	0.8 (1.8)	1.7 (3.7)	3 (6.6)	6 (13.2)	12 (26.5)

SW	DATE	CHANGE	CHNG	APPR

UNLESS OTHERWISE SPECIFIED

DD NOT SCALE DRAWING	CHECK FR.	DATE			
* BREAK ALL SHARP EDGES	M. O'GRADY	12/2/10			
DIMENSIONS	TOL.	MM	INCHES	APPROVED FR.	DATE
MM	X	\pm	\pm		12/2/10
INCHES	XX	\pm	\pm		
FRACTIONAL	XXX	\pm	\pm		
ANGULAR	\pm	\pm	\pm		
FINISH					

DATE: 12/2/10

SIZE: **C**

DESCRIPTION: NAC HARMONIC DRIVE, INC.
4720 SALUSBERY ROAD, JACKSONVILLE, FL 32256

REPLACES: N-HDR-XXX-XXX-M1-00

- 1 DIMENSIONS DENOTE MAXIMUM EXTENT OF ENCROACHMENT OF ADJOINING STRUCTURE.
- 2 DIMENSIONS ESTABLISH INTERFACE AND INSTALLATION REQUIREMENTS. MAINTAIN AT ASSEMBLY AND UNDER ALL OPERATING LOAD CONDITIONS.
- 3 USE ALLOY STEEL SCREWS TORQUE TO MANUFACTURER'S MAXIMUM RECOMMENDED VALUE. USE LOCTITE OR OTHER MEANS TO PREVENT LOOSENING.
- 4 MAINTAINING STANDARD COMPONENTS IN "AS RECEIVED" SETS IS RECOMMENDED.
- 5 DRAWING IS FOR DIMENSIONAL REVIEW ONLY. **DD NOT SCALE**