

NetGain Motors, Inc.

900 North State Street / Suite 101 / Lockport, IL 60441 / 630-243-9100 / 630-685-4054 (FAX)

Motor Number 00-08413 – Double Ended Shaft – Advanced Timing – Series Fields

Counter Clockwise Rotation			Plot Results		Advanced Timed					
Test voltage			Average from C.W. to C.C.W.		P/N 00-08413		Droop Data		Volts Ri	
lbs.-ft.	amps	rpm	volts	lbs.-ft.	amps	rpm	H.P.e	H.P.m	eff. %	
5	58.5	2734	72.0	5.0	58.5	2734	5.6	2.6	46.1	
10	76.0	2215	72.0	10.0	76.0	2215	7.3	4.2	57.5	
15	95.5	1900	72.0	15.0	95.5	1900	9.2	5.4	58.9	
20	113.8	1719	72.0	20.0	113.8	1719	11.0	6.5	59.6	
25	131.5	1617	72.0	25.0	131.5	1617	12.7	7.7	60.6	
30	148.8	1515	72.0	30.0	148.8	1515	14.4	8.7	60.3	
40	179.3	1416	72.0	40.0	179.3	1416	17.3	10.8	62.3	
50	207.3	1313	72.0	50.0	207.3	1321	20.0	12.6	62.9	
60	219.0	1247	72.0	60.0	219.0	1215	21.1	13.9	65.6	
70	221.8	1182	72.0	70.0	221.8	1153	21.4	15.4	71.8	
80	245.5	1123	72.0	80.0	265.5	1123	25.6	17.1	66.8	
90	265.5	1087	72.0	90.0	265.5	1087	25.6	18.6	72.7	
100	299.3	1049	72.0	100.0	299.3	1049	28.9	20.0	69.1	
110	315.3	1006	72.0	110.0	315.3	1006	30.4	21.1	69.2	
120	321.3	990	72.0	120.0	321.3	990	31.0	22.6	72.9	
130	376.3	1001	72.0	130.0	376.3	1001	36.3	24.8	68.2	

WarP 13™

00-08413