

PM1200L THRUST DATA
Supply Voltage: 72V±0.2 ADV20 AND 40"x13.1 PROPELLER

Motor Speed	Duty Cycle	Supply Current	Electrical Power	Thrust	Thrust Efficiency
RPM	%	Amps	Watts	kgf	gf/W
0	0	0.09	6.12	0.00	0.00
1264	20	6.03	434.02	4.23	9.75
1304	21	6.30	453.58	4.31	9.50
1345	22	6.81	490.30	4.77	9.73
1382	23	7.18	516.93	4.95	9.58
1417	24	7.71	555.08	5.31	9.57
1463	25	8.32	598.99	5.52	9.22
1498	26	8.75	629.95	5.87	9.32
1529	27	9.32	670.98	6.08	9.06
1561	28	9.82	706.97	6.37	9.01
1589	29	10.36	745.83	6.70	8.98
1628	30	10.90	784.70	6.95	8.86
1661	31	11.55	831.47	7.25	8.72
1691	32	11.88	855.23	7.43	8.69
1718	33	12.53	902.01	7.79	8.64
1749	34	13.26	954.56	8.11	8.50
1779	35	13.78	991.97	8.21	8.28
1806	36	14.35	1033.00	8.56	8.29
1841	37	15.02	1081.21	8.92	8.25
1873	38	15.71	1130.87	9.20	8.14
1905	39	16.32	1174.76	9.47	8.06
1934	40	16.79	1208.59	9.63	7.97
1962	41	17.54	1262.56	10.16	8.05
1992	42	18.18	1308.61	10.19	7.79
2019	43	18.95	1364.00	10.32	7.57
2041	44	19.60	1410.79	10.59	7.51
2063	45	20.25	1457.55	10.73	7.36
2097	46	21.35	1536.69	11.22	7.30
2129	47	21.95	1579.85	11.76	7.44
2157	48	22.79	1640.29	11.85	7.22
2185	49	23.48	1689.93	12.36	7.31
2223	50	24.31	1749.64	12.50	7.14
2245	51	25.22	1815.13	12.75	7.02
2276	52	26.16	1882.76	13.21	7.02
2302	53	27.01	1943.91	13.41	6.90

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Motor Speed	Duty Cycle	Supply Current	Electrical Power	Thrust	Thrust Efficiency
RPM	%	Amps	Watts	kgf	gf/W
2338	54	28.37	2041.70	14.15	6.93
2366	55	29.58	2128.58	14.39	6.76
2396	56	30.08	2164.80	14.79	6.83
2423	57	30.64	2205.07	14.81	6.72
2445	58	32.03	2305.07	15.38	6.67
2482	59	33.74	2428.17	15.89	6.54
2513	60	34.08	2452.60	15.98	6.52
2547	61	35.57	2559.83	16.42	6.41
2583	62	37.44	2694.44	16.97	6.30
2602	63	38.86	2796.64	17.16	6.14
2602	64	37.99	2734.03	17.36	6.35
2602	65	39.32	2829.66	17.56	6.21
2699	66	41.74	3003.86	18.25	6.08
2732	67	43.40	3123.28	18.84	6.03
2766	68	45.26	3257.14	19.22	5.90
2800	69	46.85	3371.56	19.47	5.77
2830	70	48.81	3512.61	20.14	5.73
2864	71	50.64	3644.36	20.73	5.69
2896	72	52.77	3797.65	21.37	5.63
2927	73	53.85	3875.37	21.75	5.61
2960	74	55.16	3969.70	21.83	5.50
3002	75	57.68	4150.88	22.82	5.50
3033	76	59.58	4287.56	23.25	5.42
3057	77	61.39	4417.75	23.58	5.34
3087	78	63.34	4557.06	24.15	5.30
3138	79	66.14	4757.25	24.89	5.23
3150	80	67.16	4835.72	25.13	5.20
3178	81	67.66	4871.59	25.60	5.25
3225	82	70.44	5071.96	25.81	5.09
3240	83	72.01	5186.88	26.35	5.08
3267	84	77.56	5585.10	27.07	4.85
3297	85	79.72	5741.99	27.78	4.84
3325	86	79.63	5737.58	28.28	4.93
3353	87	82.90	5971.95	28.90	4.84
3388	88	86.26	6213.57	29.66	4.77

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Motor Speed	Duty Cycle	Supply Current	Electrical Power	Thrust	Thrust Efficiency
RPM	%	Amps	Watts	kgf	gf/W
3415	89	88.37	6364.76	29.94	4.70
3441	90	91.84	6613.67	30.83	4.66
3473	91	93.05	6700.44	31.27	4.67
3502	92	96.13	6921.36	31.76	4.59
3531	93	97.84	7043.89	32.31	4.59
3555	94	100.58	7240.55	32.49	4.49
3581	95	104.66	7533.11	33.88	4.50
3608	96	107.88	7763.80	34.65	4.46
3635	97	109.61	7887.75	35.00	4.44
3665	98	112.66	8106.45	35.54	4.38
3689	99	116.42	8375.02	36.37	4.34
3713	100	118.95	8556.55	36.72	4.29

PM1200L THRUST DATA
Supply Voltage: 84V±0.2 ADV20 AND 40"x13.1 PROPELLER

Motor Speed	Duty Cycle	Supply Current	Electrical Power	Thrust	Thrust Efficiency
RPM	%	Amps	Watts	kgf	gf/W
0	0	0.09	7.14	0.00	0.00
1416	20	6.81	572.29	5.32	9.30
1464	21	7.38	620.19	5.62	9.06
1503	22	7.89	663.04	6.00	9.05
1541	23	8.45	710.10	6.28	8.84
1586	24	8.97	753.78	6.65	8.82
1629	25	9.70	815.11	7.04	8.64
1657	26	10.26	862.17	7.32	8.49
1699	27	10.81	908.36	7.73	8.51
1735	28	11.40	957.93	7.97	8.32
1770	29	11.99	1007.51	8.33	8.27
1809	30	12.74	1070.50	8.77	8.19
1844	31	13.37	1123.43	9.07	8.07
1882	32	14.04	1179.71	9.32	7.90
1919	33	14.67	1232.65	9.61	7.80
1951	34	15.30	1285.55	9.95	7.74
1990	35	16.07	1350.23	10.46	7.75
2022	36	16.75	1407.37	10.70	7.60
2054	37	17.66	1483.79	11.14	7.51
2092	38	18.24	1532.51	11.41	7.45
2122	39	19.21	1613.99	11.68	7.24
2158	40	19.98	1678.66	11.93	7.11
2192	41	20.64	1734.09	11.87	6.85
2230	42	21.74	1826.49	12.38	6.78
2258	43	22.57	1896.22	12.86	6.78
2288	44	23.32	1959.18	13.19	6.73
2324	45	24.58	2064.99	13.74	6.65
2380	46	25.91	2176.67	14.23	6.54
2394	47	26.73	2245.53	14.65	6.52
2440	48	27.80	2335.39	15.05	6.44
2481	49	28.60	2402.57	15.12	6.29
2522	50	30.13	2531.07	15.87	6.27
2551	51	30.97	2601.57	15.99	6.15
2583	52	32.42	2723.25	16.35	6.00
2602	53	35.35	2969.15	16.91	5.70

PM1200L THRUST DATA
Supply Voltage: 84V±0.2 ADV20 AND 40"x13.1 PROPELLER (CONTINUED)

Motor Speed	Duty Cycle	Supply Current	Electrical Power	Thrust	Thrust Efficiency
RPM	%	Amps	Watts	kgf	gf/W
2602	54	34.46	2894.67	18.05	6.24
2627	55	36.57	3071.84	18.80	6.12
2699	56	37.37	3139.01	19.12	6.09
2727	57	37.94	3186.81	19.35	6.07
2755	58	39.63	3328.76	20.18	6.06
2788	59	40.22	3378.32	20.59	6.09
2829	60	41.58	3492.55	20.69	5.92
2864	61	44.14	3707.58	20.86	5.63
2896	62	45.84	3850.42	21.79	5.66
2927	63	47.62	3999.84	22.67	5.67
2964	64	48.60	4082.16	23.02	5.64
3002	65	50.95	4279.60	23.84	5.57
3038	66	51.97	4365.22	24.18	5.54
3084	67	54.58	4584.50	24.94	5.44
3122	68	56.38	4735.69	26.01	5.49
3122	69	59.21	4973.40	26.27	5.28
3193	70	60.26	5061.54	26.43	5.22
3233	71	62.79	5274.17	27.53	5.22
3262	72	64.84	5446.37	27.88	5.12
3305	73	67.77	5692.48	28.82	5.06
3330	74	69.62	5847.73	29.31	5.01
3372	75	73.43	6166.95	30.46	4.94
3407	76	75.08	6303.87	30.80	4.89
3435	77	78.13	6559.48	31.09	4.74
3476	78	81.39	6832.77	32.59	4.77
3498	79	82.94	6962.32	33.08	4.75
3538	80	85.81	7202.46	33.76	4.69
3574	81	87.33	7329.61	34.02	4.64
3624	82	91.49	7677.93	34.41	4.48
3632	83	93.50	7846.05	34.75	4.43
3674	84	96.85	8126.10	35.57	4.38
3707	85	100.39	8432.96	36.63	4.34
3747	86	102.15	8579.88	37.23	4.34
3779	87	104.81	8802.57	37.83	4.30
3809	88	109.48	9193.47	38.41	4.18

PM1200L THRUST DATA
Supply Voltage: 84V±0.2 ADV20 AND 40"x13.1 PROPELLER (CONTINUED)

Motor Speed	Duty Cycle	Supply Current	Electrical Power	Thrust	Thrust Efficiency
RPM	%	Amps	Watts	kgf	gf/W
3821	89	112.21	9421.49	39.44	4.19
3847	90	115.77	9718.08	39.62	4.08
3893	91	119.59	10036.23	40.03	3.99
3917	92	122.44	10272.96	40.63	3.96
3951	93	125.37	10539.35	41.27	3.92
3977	94	129.85	10915.19	42.29	3.87
4011	95	134.27	11284.72	43.39	3.85
4032	96	135.86	11417.13	44.04	3.86
4060	97	139.63	11731.85	43.34	3.69
4093	98	144.71	12155.21	44.77	3.68
4114	99	148.40	12462.78	45.55	3.65
4156	100	151.70	12737.79	45.72	3.59

PM1200L THRUST DATA
Supply Voltage: 96V±0.2 ADV20 AND 40"x13.1 PROPELLER

Motor Speed	Duty Cycle	Supply Current	Electrical Power	Thrust	Thrust Efficiency
RPM	%	Amps	Watts	kgf	gf/W
0	0	0.09	8.16	0.06	0.00
1561	20	7.84	752.55	6.80	9.04
1613	21	8.39	805.35	7.33	9.10
1657	22	8.94	858.12	7.49	8.73
1717	23	9.72	932.99	7.91	8.48
1745	24	10.06	965.61	8.16	8.45
1786	25	10.92	1048.15	8.58	8.19
1849	26	11.64	1117.24	8.96	8.02
1873	27	12.37	1187.30	9.49	7.99
1916	28	13.10	1257.35	9.71	7.72
1951	29	13.89	1333.15	10.07	7.55
1992	30	14.47	1388.80	10.39	7.48
2031	31	15.24	1462.70	10.72	7.33
2079	32	16.12	1547.13	10.83	7.00
2119	33	16.78	1610.46	11.14	6.92
2155	34	17.67	1695.86	12.37	7.29
2189	35	18.56	1781.26	12.52	7.03
2230	36	19.27	1849.38	12.90	6.98
2269	37	20.22	1940.51	13.42	6.92
2311	38	21.44	2057.55	14.08	6.84
2349	39	22.29	2139.10	14.77	6.90
2385	40	23.42	2247.52	15.07	6.71
2426	41	24.37	2338.67	15.54	6.64
2456	42	25.52	2448.98	16.13	6.59
2503	43	26.65	2557.39	16.81	6.57
2538	44	27.87	2674.43	17.45	6.52
2576	45	29.54	2834.66	17.57	6.20
2625	46	30.51	2927.65	18.23	6.23
2660	47	32.14	3084.06	18.38	5.96
2697	48	33.32	3197.15	19.60	6.13
2736	49	34.21	3282.38	20.08	6.12
2776	50	36.27	3480.03	20.65	5.93
2813	51	37.44	3592.22	20.72	5.77
2846	52	38.55	3698.76	21.63	5.85
2884	53	39.61	3800.42	22.27	5.86

PM1200L THRUST DATA
Supply Voltage: 96V±0.2 ADV20 AND 40"x13.1 PROPELLER (CONTINUED)

Motor Speed	Duty Cycle	Supply Current	Electrical Power	Thrust	Thrust Efficiency
RPM	%	Amps	Watts	kgf	gf/W
2914	54	40.70	3905.00	22.55	5.77
2949	55	42.96	4121.88	23.80	5.77
2979	56	44.49	4268.64	24.10	5.65
3018	57	45.37	4353.12	24.90	5.72
3059	58	47.09	4518.14	24.92	5.52
3101	59	50.05	4802.10	26.11	5.44
3138	60	50.91	4884.61	26.56	5.44
3181	61	53.21	5105.29	27.03	5.29
3219	62	55.03	5279.91	27.88	5.28
3268	63	58.14	5578.30	28.82	5.17
3313	64	59.66	5724.08	29.20	5.10
3345	65	62.34	5981.09	29.99	5.01
3385	66	64.12	6151.80	30.70	4.99
3427	67	67.75	6499.26	31.44	4.84
3469	68	70.63	6774.48	32.82	4.84
3502	69	73.57	7063.38	32.96	4.67
3542	70	74.89	7189.29	33.68	4.68
3583	71	78.77	7561.13	33.73	4.46
3625	72	81.06	7780.46	34.38	4.42
3657	73	84.48	8108.05	34.91	4.31
3692	74	88.15	8459.40	35.32	4.18
3736	75	90.44	8678.44	35.57	4.10
3773	76	94.61	9077.45	37.12	4.09
3793	77	98.46	9444.97	39.49	4.18
3842	78	98.58	9455.00	40.35	4.27
3867	79	104.46	10018.45	40.96	4.09
3903	80	106.09	10184.53	41.44	4.07
3932	81	110.78	10635.88	42.00	3.95
3960	82	113.52	10899.74	42.15	3.87
3996	83	115.64	11099.24	42.34	3.81
4038	84	121.50	11660.35	42.65	3.66
4073	85	127.65	12247.89	45.75	3.74
4110	86	130.37	12506.26	46.62	3.73
4143	87	133.14	12770.39	46.87	3.67
4185	88	137.50	13209.62	47.93	3.63

PM1200L THRUST DATA

Supply Voltage: 96V±0.2 ADV20 AND 40"x13.1 PROPELLER (CONTINUED)

Motor Speed	Duty Cycle	Supply Current	Electrical Power	Thrust	Thrust Efficiency
RPM	%	Amps	Watts	kgf	gf/W
4214	89	142.84	13738.92	48.50	3.53
4191	90	146.77	14098.14	49.53	3.51
4234	91	149.59	14367.82	50.19	3.49
4272	92	154.22	14808.82	51.31	3.46
4272	93	154.22	14808.82	51.31	3.46
4272	94	154.22	14808.82	51.31	3.46
4272	95	154.22	14808.82	51.31	3.46
4272	96	154.22	14808.82	51.31	3.46
4272	97	154.22	14808.82	51.31	3.46
4272	98	154.22	14808.82	51.31	3.46
4272	99	154.22	14808.82	51.31	3.46
4272	100	154.22	14808.82	51.31	3.46
Max speed reached at 20° ADV					

PM1200L THRUST DATA
Supply Voltage: 72V±0.2 ADV30 AND 40"x13.1 PROPELLER

Motor Speed	Duty Cycle	Supply Current	Electrical Power	Thrust	Thrust Efficiency
RPM	%	Amps	Watts	kgf	gf/W
0	0	0.09	25.92	0.00	0.00
1267	20	5.92	425.96	3.86	9.06
1315	21	6.42	461.89	4.30	9.31
1352	22	7.17	515.88	4.51	8.74
1387	23	7.42	533.82	4.94	9.25
1425	24	8.20	589.95	5.05	8.56
1475	25	8.50	611.46	5.37	8.78
1502	26	9.22	663.22	5.59	8.43
1538	27	9.68	696.31	5.94	8.53
1561	28	9.91	712.82	6.02	8.45
1597	29	10.64	765.28	6.46	8.44
1629	30	11.24	808.44	6.68	8.26
1666	31	11.80	848.72	6.93	8.17
1690	32	12.21	878.17	7.23	8.23
1723	33	12.82	922.03	7.38	8.00
1755	34	13.48	969.45	7.66	7.90
1782	35	14.00	1006.85	7.94	7.89
1821	36	14.76	1061.44	8.18	7.71
1840	37	15.37	1105.32	8.63	7.81
1873	38	16.06	1154.86	8.92	7.72
1906	39	16.89	1214.51	9.21	7.58
1932	40	17.40	1251.15	9.37	7.49
1951	41	18.17	1307.68	9.71	7.43
1994	42	18.83	1355.16	10.07	7.43
2023	43	19.30	1388.96	10.31	7.42
2049	44	20.16	1450.85	10.91	7.52
2084	45	20.88	1502.63	11.13	7.41
2116	46	21.92	1577.47	11.34	7.19
2143	47	22.53	1621.33	11.70	7.22
2169	48	24.00	1727.09	11.89	6.88
2205	49	24.36	1752.99	12.26	6.99
2239	50	25.52	1836.42	12.52	6.82
2270	51	26.50	1906.94	12.91	6.77
2300	52	27.67	1991.16	13.31	6.68
2329	53	28.94	2082.52	13.80	6.63

PM1200L THRUST DATA
Supply Voltage: 72V±0.2 ADV30 AND 40"x13.1 PROPELLER (CONTINUED)

Motor Speed	Duty Cycle	Supply Current	Electrical Power	Thrust	Thrust Efficiency
RPM	%	Amps	Watts	kgf	gf/W
2361	54	29.32	2109.87	14.01	6.64
2398	55	30.98	2229.32	14.55	6.53
2428	56	32.83	2362.41	14.70	6.22
2458	57	32.92	2368.92	15.12	6.38
2492	58	34.29	2467.51	15.66	6.35
2524	59	35.78	2574.69	16.04	6.23
2556	60	37.16	2674.03	16.41	6.14
2596	61	39.14	2816.44	16.93	6.01
2602	62	39.37	2832.99	17.07	6.03
2651	63	40.80	2935.93	17.36	5.91
2678	64	42.68	3071.21	18.07	5.88
2713	65	44.20	3180.54	18.45	5.80
2744	66	46.06	3314.43	19.03	5.74
2782	67	47.14	3392.15	19.41	5.72
2811	68	49.50	3561.97	19.72	5.54
2838	69	50.04	3600.83	20.11	5.58
2877	70	52.13	3751.27	20.91	5.57
2911	71	54.68	3934.72	21.54	5.47
2946	72	55.66	4005.29	21.66	5.41
2968	73	59.19	4259.19	22.64	5.32
3008	74	60.19	4331.21	22.73	5.25
3055	75	62.37	4488.02	23.40	5.21
3072	76	65.12	4685.71	23.65	5.05
3101	77	66.41	4778.60	24.57	5.14
3122	78	66.91	4814.44	24.86	5.16
3163	79	70.33	5060.24	25.54	5.05
3192	80	71.95	5162.84	25.98	5.03
3228	81	74.96	5392.85	26.52	4.92
3252	82	77.02	5540.82	27.05	4.88
3286	83	79.33	5704.30	27.73	4.86
3315	84	81.38	5852.04	28.51	4.87
3345	85	85.02	6113.11	28.85	4.72
3378	86	87.76	6318.28	29.59	4.68
3408	87	89.48	6442.29	29.76	4.62

PM1200L THRUST DATA

Supply Voltage: 72V±0.2 ADV30 AND 40"x13.1 PROPELLER (CONTINUED)

Motor Speed	Duty Cycle	Supply Current	Electrical Power	Thrust	Thrust Efficiency
RPM	%	Amps	Watts	kgf	gf/W
3438	88	93.27	6714.23	31.69	4.72
3463	89	94.64	6812.28	31.84	4.67
3489	90	96.92	6975.24	31.93	4.58
3520	91	99.58	7166.08	31.99	4.46
3547	92	102.48	7374.05	33.51	4.54
3573	93	105.77	7609.83	33.79	4.44
3599	94	108.97	7839.08	34.09	4.35
3622	95	111.12	7992.86	34.90	4.37
3662	96	113.57	8168.18	35.00	4.28
3686	97	116.90	8405.11	35.34	4.20
3721	98	119.75	8630.38	36.54	4.23
3741	99	125.57	9046.94	37.04	4.09
3757	100	125.50	9041.77	37.56	4.15

PM1200L THRUST DATA
Supply Voltage: 84V±0.2 ADV30 AND 40"x13.1 PROPELLER

Motor Speed	Duty Cycle	Supply Current	Electrical Power	Thrust	Thrust Efficiency
RPM	%	Amps	Watts	kgf	gf/W
0	0	0.09	7.14	0.07	0.00
1428	20	6.98	586.25	5.39	9.19
1479	21	7.58	636.63	5.69	8.94
1519	22	8.14	683.67	6.05	8.85
1561	23	8.72	732.38	6.34	8.66
1599	24	9.23	775.20	6.82	8.80
1649	25	9.84	826.42	7.01	8.48
1678	26	10.40	873.44	7.31	8.37
1711	27	10.97	921.30	7.61	8.26
1745	28	11.59	973.37	7.97	8.19
1788	29	12.19	1023.74	8.35	8.16
1829	30	13.08	1098.48	8.70	7.92
1858	31	13.63	1144.65	9.09	7.94
1903	32	14.53	1220.21	9.37	7.68
1933	33	14.91	1252.11	9.62	7.68
1971	34	15.92	1336.93	10.03	7.50
2002	35	16.55	1389.80	10.30	7.41
2036	36	17.23	1446.89	10.84	7.49
2065	37	17.97	1509.03	11.02	7.30
2102	38	18.71	1571.13	11.18	7.12
2129	39	19.56	1642.49	11.40	6.94
2165	40	20.25	1700.41	11.71	6.89
2195	41	21.24	1783.52	12.26	6.87
2230	42	21.91	1839.76	12.53	6.81
2269	43	22.70	1906.07	12.71	6.67
2298	44	23.77	1995.87	13.21	6.62
2335	45	24.84	2085.72	13.55	6.50
2372	46	25.99	2182.25	14.01	6.42
2405	47	26.83	2252.73	14.38	6.38
2438	48	27.91	2343.38	14.78	6.31
2467	49	29.04	2438.26	15.37	6.30
2509	50	30.37	2549.80	15.63	6.13
2540	51	32.02	2688.27	16.38	6.09
2579	52	33.51	2813.27	16.73	5.95

PM1200L THRUST DATA
Supply Voltage: 84V±0.2 ADV30 AND 40"x13.1 PROPELLER (CONTINUED)

Motor Speed	Duty Cycle	Supply Current	Electrical Power	Thrust	Thrust Efficiency
RPM	%	Amps	Watts	kgf	gf/W
2602	53	34.21	2872.10	16.99	5.92
2602	54	34.14	2866.19	17.01	5.93
2679	55	36.92	3099.36	18.06	5.83
2715	56	38.10	3198.46	18.28	5.72
2746	57	40.04	3361.28	18.91	5.63
2778	58	41.94	3520.74	19.29	5.48
2816	59	43.30	3634.99	20.09	5.53
2853	60	44.49	3734.76	21.96	5.88
2891	61	46.54	3906.89	22.46	5.75
2927	62	47.78	4010.99	22.82	5.69
2967	63	49.67	4169.75	23.73	5.69
3003	64	51.74	4343.42	24.16	5.56
3042	65	54.18	4548.30	24.63	5.42
3081	66	55.93	4695.21	25.31	5.39
3122	67	58.61	4920.19	25.92	5.27
3147	68	60.46	5075.56	26.89	5.30
3184	69	62.32	5231.70	27.48	5.25
3221	70	64.60	5423.11	27.91	5.15
3263	71	66.88	5614.51	28.68	5.11
3297	72	69.42	5828.02	29.23	5.02
3336	73	72.31	6070.35	30.21	4.98
3365	74	74.45	6249.63	30.46	4.87
3403	75	76.67	6434.99	31.19	4.85
3441	76	80.80	6787.04	32.35	4.77
3469	77	82.67	6944.11	32.92	4.74
3502	78	86.25	7243.53	33.56	4.63
3541	79	88.49	7431.48	34.17	4.60
3575	80	91.17	7655.27	34.84	4.55
3606	81	93.81	7876.57	35.21	4.47
3632	82	97.28	8166.75	35.93	4.40
3668	83	100.50	8436.07	37.32	4.42
3704	84	103.54	8690.22	37.47	4.31
3731	85	105.95	8891.54	37.94	4.27
3762	86	108.81	9130.36	38.62	4.23

PM1200L THRUST DATA
Supply Voltage: 84V±0.2 ADV30 AND 40"x13.1 PROPELLER (CONTINUED)

Motor Speed	Duty Cycle	Supply Current	Electrical Power	Thrust	Thrust Efficiency
RPM	%	Amps	Watts	kgf	gf/W
3798	87	113.57	9541.24	39.13	4.10
3828	88	115.82	9728.07	40.20	4.13
3862	89	120.26	10099.43	41.03	4.06
3887	90	124.98	10493.07	41.56	3.96
3903	91	124.83	10478.11	41.88	4.00
3939	92	129.84	10899.42	42.73	3.92
3969	93	132.63	11131.11	43.60	3.92
3996	94	137.37	11526.99	44.05	3.82
4032	95	142.12	11939.50	44.84	3.76
4066	96	145.99	12261.41	45.90	3.74
4089	97	150.20	12612.14	46.74	3.71
4117	98	153.71	12904.72	46.84	3.63
4167	99	158.54	13311.49	46.96	3.53
4185	100	163.48	13722.67	48.04	3.50

PM1200L THRUST DATA
Supply Voltage: 96V±0.2 ADV30 AND 40"x13.1 PROPELLER

Motor Speed	Duty Cycle	Supply Current	Electrical Power	Thrust	Thrust Efficiency
RPM	%	Amps	Watts	kgf	gf/W
0	0	0.09	8.16	0.05	0.00
1570	20	7.95	763.18	6.01	7.87
1621	21	8.57	822.69	6.62	8.05
1664	22	9.23	886.03	6.91	7.80
1703	23	9.81	941.71	7.26	7.71
1739	24	10.37	995.46	7.65	7.68
1779	25	11.12	1067.44	8.14	7.63
1832	26	11.85	1137.49	9.20	8.09
1889	27	12.83	1231.55	9.59	7.79
1926	28	13.57	1302.57	10.27	7.88
1968	29	14.26	1368.77	10.64	7.77
2006	30	15.00	1439.79	11.16	7.75
2046	31	15.80	1516.56	11.38	7.50
2076	32	16.44	1577.98	12.08	7.66
2112	33	17.26	1656.68	12.21	7.37
2155	34	18.03	1730.56	12.56	7.26
2190	35	18.80	1804.44	13.14	7.28
2224	36	19.67	1887.93	13.44	7.12
2261	37	20.66	1982.93	13.89	7.00
2298	38	21.63	2075.98	14.56	7.01
2342	39	22.49	2158.50	14.81	6.86
2374	40	23.41	2246.77	14.97	6.65
2404	41	24.55	2356.16	15.16	6.43
2448	42	25.45	2442.49	15.34	6.28
2479	43	26.88	2579.70	15.47	6.00
2522	44	27.90	2677.56	16.05	5.99
2556	45	28.81	2764.87	16.76	6.06
2602	46	30.61	2937.55	17.10	5.82
2602	47	30.85	2960.55	17.37	5.87
2674	48	32.97	3163.87	18.01	5.69
2714	49	34.33	3294.20	18.68	5.67
2748	50	35.50	3406.47	19.13	5.62
2783	51	37.55	3603.15	19.67	5.46
2821	52	38.86	3728.97	20.23	5.43

PM1200L THRUST DATA

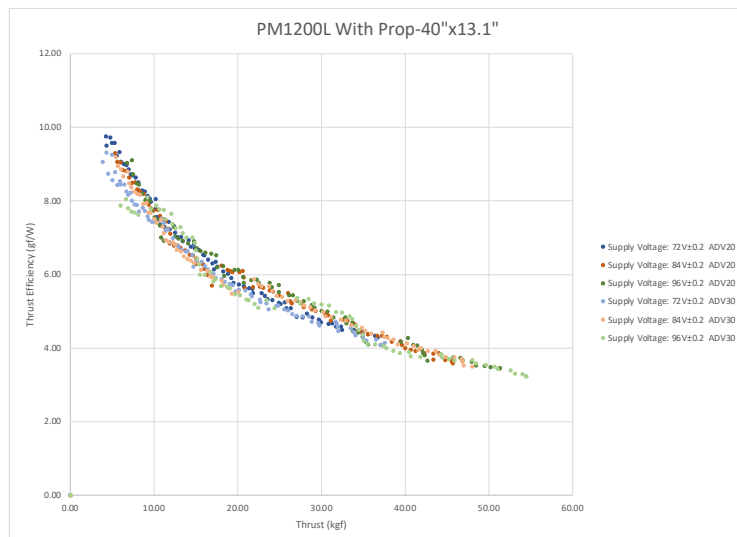
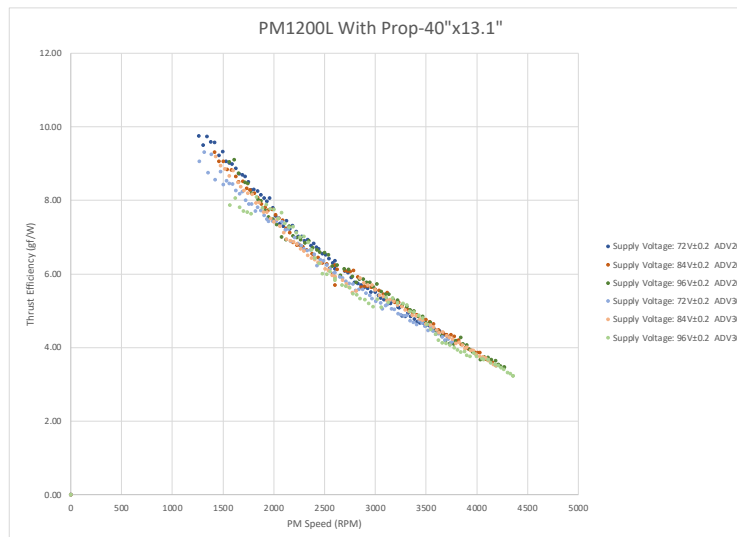
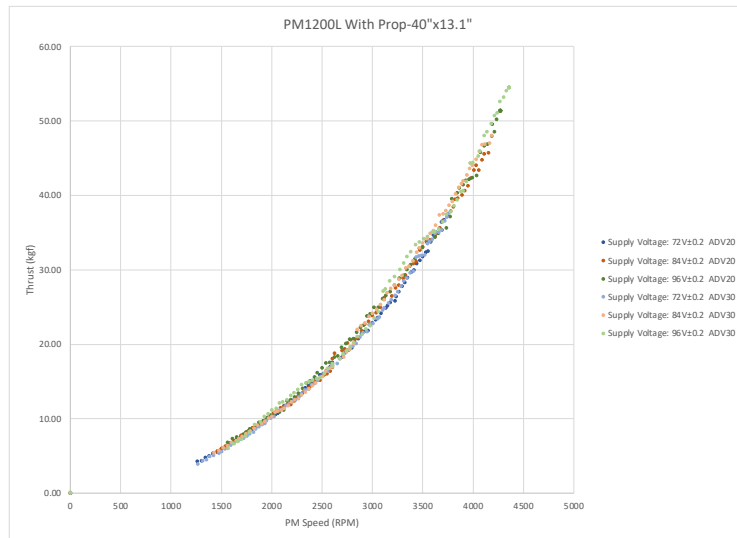
Supply Voltage: 96V±0.2 ADV30 AND 40"x13.1 PROPELLER (CONTINUED)

Motor Speed	Duty Cycle	Supply Current	Electrical Power	Thrust	Thrust Efficiency
RPM	%	Amps	Watts	kgf	gf/W
2851	53	41.20	3953.43	21.03	5.32
2897	54	41.84	4014.76	21.29	5.30
2939	55	44.10	4231.66	22.00	5.20
2982	56	45.89	4403.33	22.46	5.10
3024	57	46.06	4419.64	23.45	5.31
3063	58	49.95	4792.95	24.38	5.09
3109	59	52.70	5056.78	27.10	5.36
3133	60	54.74	5252.52	27.40	5.22
3176	61	55.58	5333.12	28.46	5.34
3220	62	58.25	5589.32	29.10	5.21
3273	63	60.27	5783.15	29.99	5.19
3311	64	62.53	6000.00	30.89	5.15
3345	65	66.36	6367.57	31.74	4.98
3385	66	68.15	6539.40	32.44	4.96
3431	67	71.48	6856.65	33.37	4.87
3469	68	73.39	7042.06	33.71	4.79
3513	69	76.92	7378.32	34.12	4.62
3547	70	79.96	7669.28	34.46	4.49
3597	71	83.50	8016.08	34.99	4.36
3625	72	86.99	8350.43	35.07	4.20
3664	73	89.64	8604.01	35.49	4.12
3701	74	92.54	8881.43	36.42	4.10
3738	75	95.96	9215.13	37.41	4.06
3779	76	98.52	9453.59	37.75	3.99
3813	77	102.33	9818.05	38.59	3.93
3843	78	106.09	10177.11	39.36	3.87
3879	79	108.41	10398.80	40.46	3.89
3903	80	112.16	10758.16	40.63	3.78
3937	81	115.83	11108.91	41.81	3.76
3973	82	120.19	11539.92	44.32	3.84
4002	83	123.30	11836.92	44.41	3.75
4051	84	127.34	12221.84	45.25	3.70
4069	85	130.82	12554.80	45.89	3.66
4114	86	136.10	13064.78	47.99	3.67

PM1200L THRUST DATA

Supply Voltage: 96V±0.2 ADV30 AND 40"x13.1 PROPELLER (CONTINUED)

Motor Speed	Duty Cycle	Supply Current	Electrical Power	Thrust	Thrust Efficiency
RPM	%	Amps	Watts	kgf	gf/W
4139	87	141.14	13546.19	48.48	3.58
4180	88	145.92	14000.88	49.63	3.54
4213	89	150.92	14478.66	50.68	3.50
4241	90	154.61	14830.04	51.03	3.44
4270	91	161.30	15483.35	52.57	3.40
4304	92	167.17	16042.47	53.14	3.31
4334	93	171.31	16435.48	54.02	3.29
4361	94	175.85	16865.77	54.49	3.23
4361	95	175.85	16865.77	54.49	3.23
4361	96	175.85	16865.77	54.49	3.23
4361	97	175.85	16865.77	54.49	3.23
4361	98	175.85	16865.77	54.49	3.23
4361	99	175.85	16865.77	54.49	3.23
4361	100	175.85	16865.77	54.49	3.23
Max speed reached at 30° ADV					



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