

Kv 205.79 3" Magmotor
 Kt 6.570
 Arm Res 0.042
 No Load Current 4.500
 Kv * Kt **1352.040**
 Max Volts 24.000

	Amps	Torque	RPM	Power In	Power Out	Efficiency	HP
	4.50	0	4939	108	0.00	0.00%	0.000
	6.00	9.855	4887	144	35.62	24.74%	0.048
	8.00	22.995	4870	192	82.82	43.14%	0.111
	10.00	36.135	4853	240	129.69	54.04%	0.174
	12.00	49.275	4835	288	176.22	61.19%	0.236
	14.00	62.415	4818	336	222.41	66.19%	0.298
	16.00	75.555	4801	384	268.27	69.86%	0.360
	18.00	88.695	4783	432	313.79	72.64%	0.421
	20.00	101.835	4766	480	358.98	74.79%	0.481
	22.00	114.975	4749	528	403.83	76.48%	0.541
	24.00	128.115	4732	576	448.34	77.84%	0.601
	26.00	141.255	4714	624	492.52	78.93%	0.660
	28.00	154.395	4697	672	536.36	79.82%	0.719
	30.00	167.535	4680	720	579.87	80.54%	0.777
	32.00	180.675	4662	768	623.04	81.13%	0.835
	34.00	193.815	4645	816	665.87	81.60%	0.893
	36.00	206.955	4628	864	708.37	81.99%	0.950
	38.00	220.095	4611	912	750.53	82.30%	1.006
	40.00	233.235	4593	960	792.36	82.54%	1.062
	42.00	246.375	4576	1008	833.85	82.72%	1.118
	44.00	259.515	4559	1056	875.00	82.86%	1.173
	46.00	272.655	4541	1104	915.82	82.95%	1.228
	48.00	285.795	4524	1152	956.30	83.01%	1.282
Max Efficiency	50.00	298.935	4507	1200	996.45	83.04%	1.336
	52.00	312.075	4490	1248	1036.26	83.03%	1.389
	54.00	325.215	4472	1296	1075.73	83.00%	1.442
	56.00	338.355	4455	1344	1114.87	82.95%	1.494
	58.00	351.495	4438	1392	1153.67	82.88%	1.546
	60.00	364.635	4420	1440	1192.14	82.79%	1.598
	62.00	377.775	4403	1488	1230.27	82.68%	1.649
	64.00	390.915	4386	1536	1268.06	82.56%	1.700
	66.00	404.055	4369	1584	1305.52	82.42%	1.750
	68.00	417.195	4351	1632	1342.64	82.27%	1.800
	70.00	430.335	4334	1680	1379.43	82.11%	1.849
	72.00	443.475	4317	1728	1415.88	81.94%	1.898
	74.00	456.615	4299	1776	1451.99	81.76%	1.946
	76.00	469.755	4282	1824	1487.77	81.57%	1.994
	78.00	482.895	4265	1872	1523.21	81.37%	2.042
	80.00	496.035	4248	1920	1558.32	81.16%	2.089
	82.00	509.175	4230	1968	1593.09	80.95%	2.136
	84.00	522.315	4213	2016	1627.52	80.73%	2.182
	86.00	535.455	4196	2064	1661.62	80.50%	2.227
	88.00	548.595	4178	2112	1695.38	80.27%	2.273
	90.00	561.735	4161	2160	1728.81	80.04%	2.317

92.00	574.875	4144	2208	1761.90	79.80%	2.362
94.00	588.015	4127	2256	1794.65	79.55%	2.406
96.00	601.155	4109	2304	1827.07	79.30%	2.449
98.00	614.295	4092	2352	1859.15	79.05%	2.492
100.00	627.435	4075	2400	1890.90	78.79%	2.535
102.00	640.575	4057	2448	1922.31	78.53%	2.577
104.00	653.715	4040	2496	1953.38	78.26%	2.618
106.00	666.855	4023	2544	1984.12	77.99%	2.660
108.00	679.995	4005	2592	2014.52	77.72%	2.700
110.00	693.135	3988	2640	2044.59	77.45%	2.741
112.00	706.275	3971	2688	2074.32	77.17%	2.781
114.00	719.415	3954	2736	2103.71	76.89%	2.820
116.00	732.555	3936	2784	2132.77	76.61%	2.859
118.00	745.695	3919	2832	2161.49	76.32%	2.897
120.00	758.835	3902	2880	2189.88	76.04%	2.935
122.00	771.975	3884	2928	2217.93	75.75%	2.973
124.00	785.115	3867	2976	2245.64	75.46%	3.010
126.00	798.255	3850	3024	2273.02	75.17%	3.047
128.00	811.395	3833	3072	2300.06	74.87%	3.083
130.00	824.535	3815	3120	2326.77	74.58%	3.119
132.00	837.675	3798	3168	2353.14	74.28%	3.154
134.00	850.815	3781	3216	2379.17	73.98%	3.189
135.00	857.3672	3772	3239.935	2392.03	73.83%	3.206

Kv	167.89	4" Magmotor
Kt	8.050	
Arm Res	0.050	
No Load Current	3.500	
Kv * Kt	1351.515	
Max Volts	24.000	

	Amps	Torque	RPM	Power In	Power Out	Efficiency	HP
	3.50	0	4029	84	0.00	0.00%	0.000
	6.00	20.125	3979	144	59.25	41.15%	0.079
	8.00	36.225	3962	192	106.20	55.31%	0.142
	10.00	52.325	3945	240	152.75	63.65%	0.205
	12.00	68.425	3929	288	198.90	69.06%	0.267
	14.00	84.525	3912	336	244.65	72.81%	0.328
	16.00	100.625	3895	384	290.00	75.52%	0.389
	18.00	116.725	3878	432	334.95	77.53%	0.449
	20.00	132.825	3861	480	379.50	79.06%	0.509
	22.00	148.925	3845	528	423.65	80.24%	0.568
	24.00	165.025	3828	576	467.40	81.15%	0.627
	26.00	181.125	3811	624	510.75	81.85%	0.685
	28.00	197.225	3794	672	553.70	82.40%	0.742
	30.00	213.325	3778	720	596.25	82.81%	0.799
	32.00	229.425	3761	768	638.40	83.13%	0.856
	34.00	245.525	3744	816	680.15	83.35%	0.912
	36.00	261.625	3727	864	721.50	83.51%	0.967
	38.00	277.725	3710	912	762.45	83.60%	1.022
	40.00	293.825	3694	960	803.00	83.65%	1.076
Max Efficiency	42.00	309.925	3677	1008	843.15	83.65%	1.130
	44.00	326.025	3660	1056	882.90	83.61%	1.184
	46.00	342.125	3643	1104	922.25	83.54%	1.236
	48.00	358.225	3626	1152	961.20	83.44%	1.288
	50.00	374.325	3610	1200	999.75	83.31%	1.340
	52.00	390.425	3593	1248	1037.90	83.17%	1.391
	54.00	406.525	3576	1296	1075.65	83.00%	1.442
	56.00	422.625	3559	1344	1113.00	82.81%	1.492
	58.00	438.725	3542	1392	1149.95	82.61%	1.541
	60.00	454.825	3526	1440	1186.50	82.40%	1.590
	62.00	470.925	3509	1488	1222.65	82.17%	1.639
	64.00	487.025	3492	1536	1258.40	81.93%	1.687
	66.00	503.125	3475	1584	1293.75	81.68%	1.734
	68.00	519.225	3459	1632	1328.70	81.42%	1.781
	70.00	535.325	3442	1680	1363.25	81.15%	1.827
	72.00	551.425	3425	1728	1397.40	80.87%	1.873
	74.00	567.525	3408	1776	1431.15	80.58%	1.918
	76.00	583.625	3391	1824	1464.50	80.29%	1.963
	78.00	599.725	3375	1872	1497.45	79.99%	2.007
	80.00	615.825	3358	1920	1530.00	79.69%	2.051
	82.00	631.925	3341	1968	1562.15	79.38%	2.094
	84.00	648.025	3324	2016	1593.90	79.06%	2.137
	86.00	664.125	3307	2064	1625.25	78.74%	2.179
	88.00	680.225	3291	2112	1656.20	78.42%	2.220
	90.00	696.325	3274	2160	1686.75	78.09%	2.261

92.00	712.425	3257	2208	1716.90	77.76%	2.301
94.00	728.525	3240	2256	1746.65	77.42%	2.341
96.00	744.625	3223	2304	1776.00	77.08%	2.381
98.00	760.725	3207	2352	1804.95	76.74%	2.420
100.00	776.825	3190	2400	1833.50	76.40%	2.458
102.00	792.925	3173	2448	1861.65	76.05%	2.496
104.00	809.025	3156	2496	1889.40	75.70%	2.533
106.00	825.125	3140	2544	1916.75	75.34%	2.569
108.00	841.225	3123	2592	1943.70	74.99%	2.605
110.00	857.325	3106	2640	1970.25	74.63%	2.641
112.00	873.425	3089	2688	1996.40	74.27%	2.676
114.00	889.525	3072	2736	2022.15	73.91%	2.711
116.00	905.625	3056	2784	2047.50	73.55%	2.745
118.00	921.725	3039	2832	2072.45	73.18%	2.778
120.00	937.825	3022	2880	2097.00	72.81%	2.811
122.00	953.925	3005	2928	2121.15	72.44%	2.843
124.00	970.025	2988	2976	2144.90	72.07%	2.875
126.00	986.125	2972	3024	2168.25	71.70%	2.907
128.00	1002.225	2955	3072	2191.20	71.33%	2.937
130.00	1018.325	2938	3120	2213.75	70.95%	2.967
132.00	1034.425	2921	3168	2235.90	70.58%	2.997
134.00	1050.525	2904	3216	2257.65	70.20%	3.026
135.00	1058.553	2896	3239.935	2268.35	70.01%	3.041