



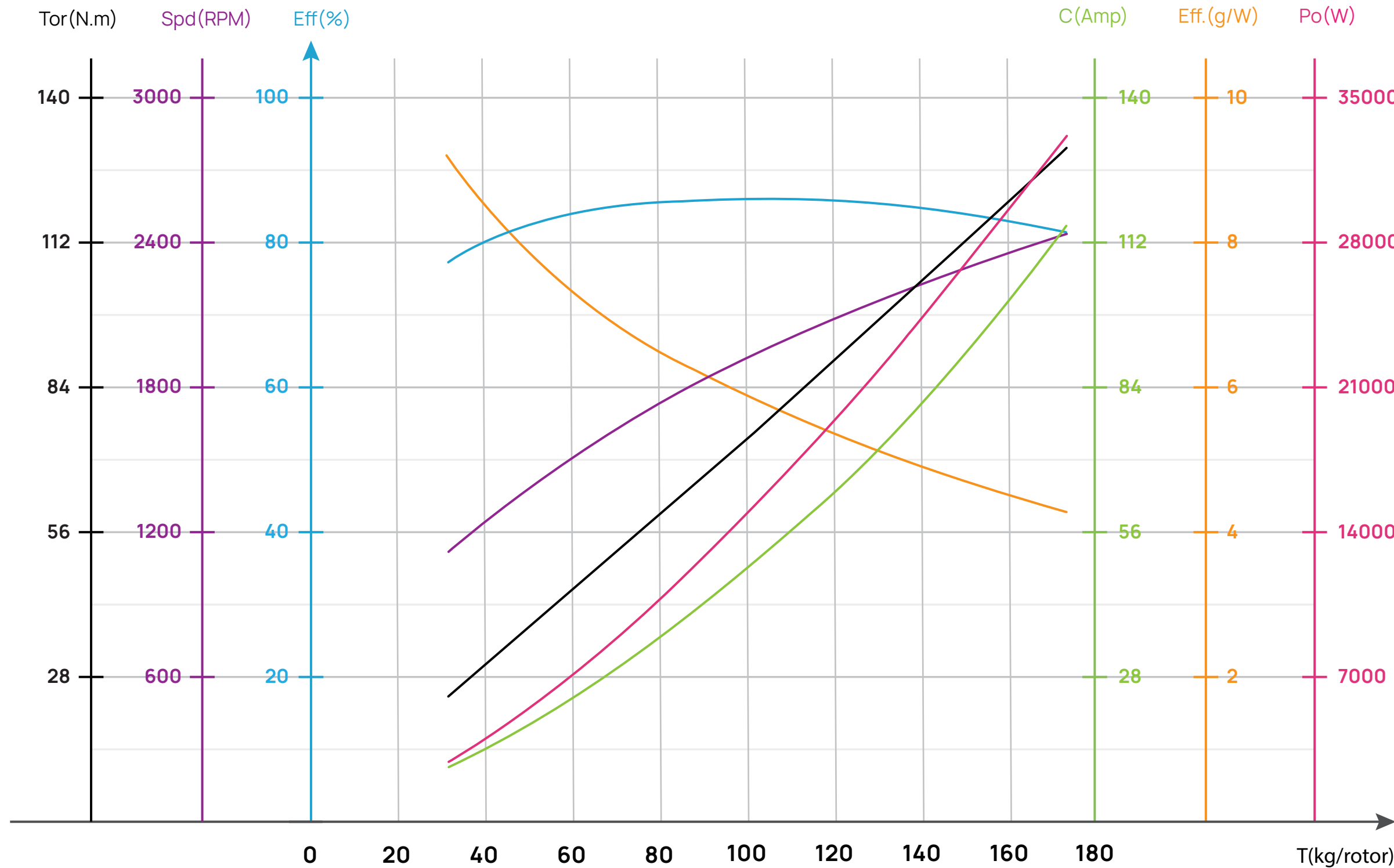
LOAD PERFORMANCE PARAMETERS

负载性能参数

以下数据为好盈实验室于室温 25°C、海平面高度，变化油门输入调节测得，仅供参考。

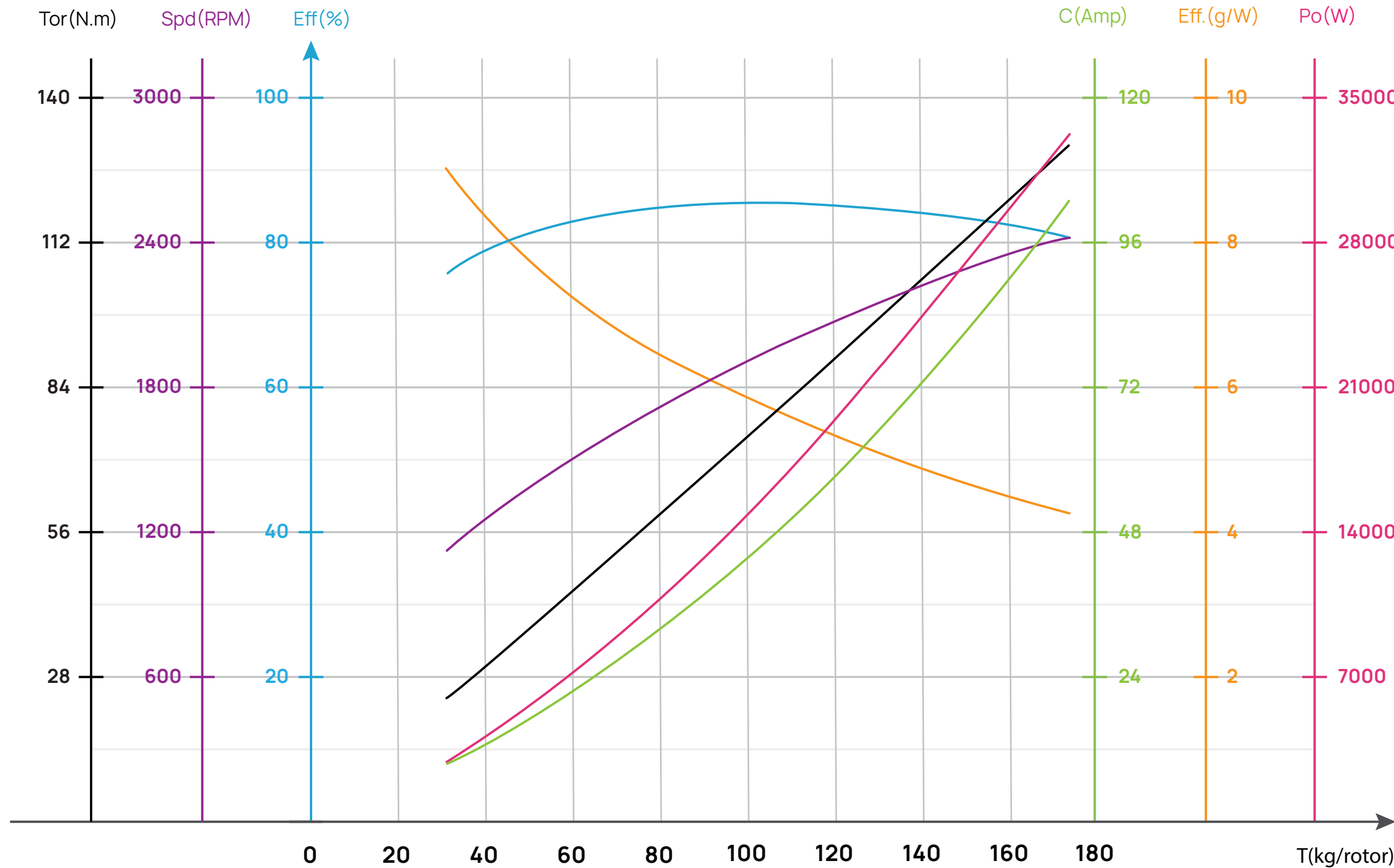
The below data was measured by HOBBYWING Laboratory at room temperature 25°C, at sea level, with varying throttle input, for reference only.

P85M-355V & MSC 73x25



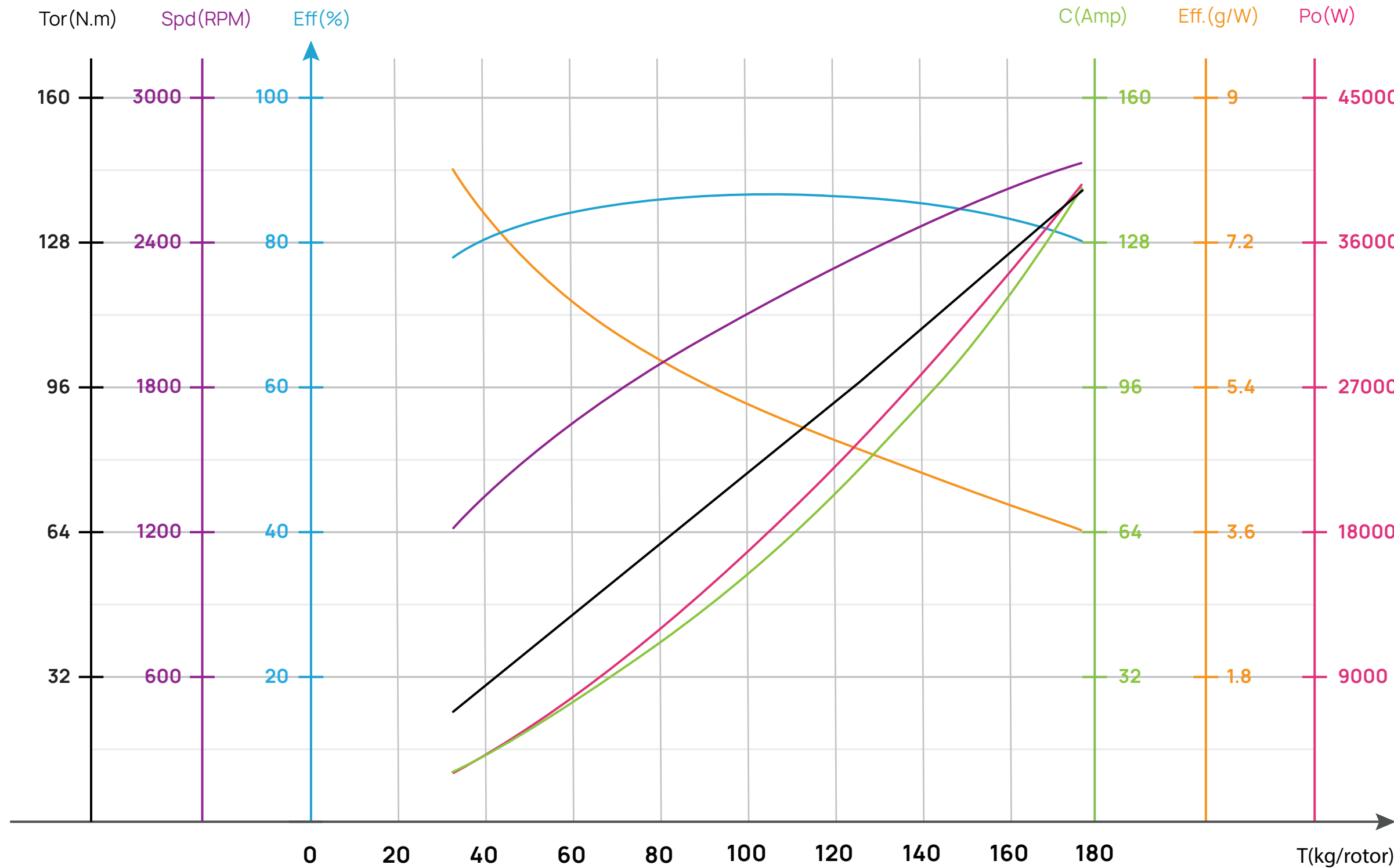
Voltage 工作电压(V)	Propeller 螺旋桨	Throttle 油门(%)	Thrust 拉力(g)	Current 电流(A)	Power Input 输入功率(W)	Speed 转速(RPM)	Efficiency 力效(g/W)	Torque 扭矩(N·m)	Power Output 输出功率(W)	Temperature 电机温度(°C)
355V	MSC 73x25	33%	34723	10.9	3853.3	1142	9.0	25.12	3004.2	/
		35%	39273	12.8	4538.2	1213	8.7	28.43	3610.5	
		37%	43966	14.9	5291.9	1283	8.3	31.86	4279.6	
		39%	48794	17.2	6112.6	1350	8.0	35.40	5004.2	
		42%	56268	21.0	7463.4	1449	7.5	40.90	6206.2	
		45%	63982	25.2	8950.1	1543	7.1	46.59	7527.9	
		48%	71889	29.8	10563.0	1632	6.8	52.42	8958.8	
		51%	79938	34.6	12293.3	1717	6.5	58.36	10493.0	
		54%	88072	39.8	14132.2	1797	6.2	64.37	12112.7	
		57%	96228	45.3	16071.6	1873	6.0	70.42	13811.1	
		60%	104342	51.0	18101.8	1944	5.8	76.47	15566.8	
		63%	112345	56.9	20211.1	2010	5.6	82.49	17362.3	
		66%	120167	63.1	22383.9	2073	5.4	88.43	19196.4	
		69%	127737	69.3	24599.3	2130	5.2	94.25	21020.1	
		72%	134980	75.6	26830.1	2183	5.0	99.86	22826.6	
		75%	141824	81.8	29042.6	2231	4.9	105.21	24578.0	
		78%	148194	87.9	31196.9	2274	4.8	110.21	26243.7	
		81%	154020	93.7	33248.7	2312	4.6	114.80	27792.8	
		84%	159229	99.0	35150.0	2346	4.5	118.90	29207.7	
		87%	163754	103.8	36852.2	2373	4.4	122.44	30423.8	
90%	167529	107.9	38307.7	2396	4.4	125.37	31454.7			
100%	173927	115.1	40846.8	2433	4.3	130.28	33190.4			

P85M-400V & MSC 73x25



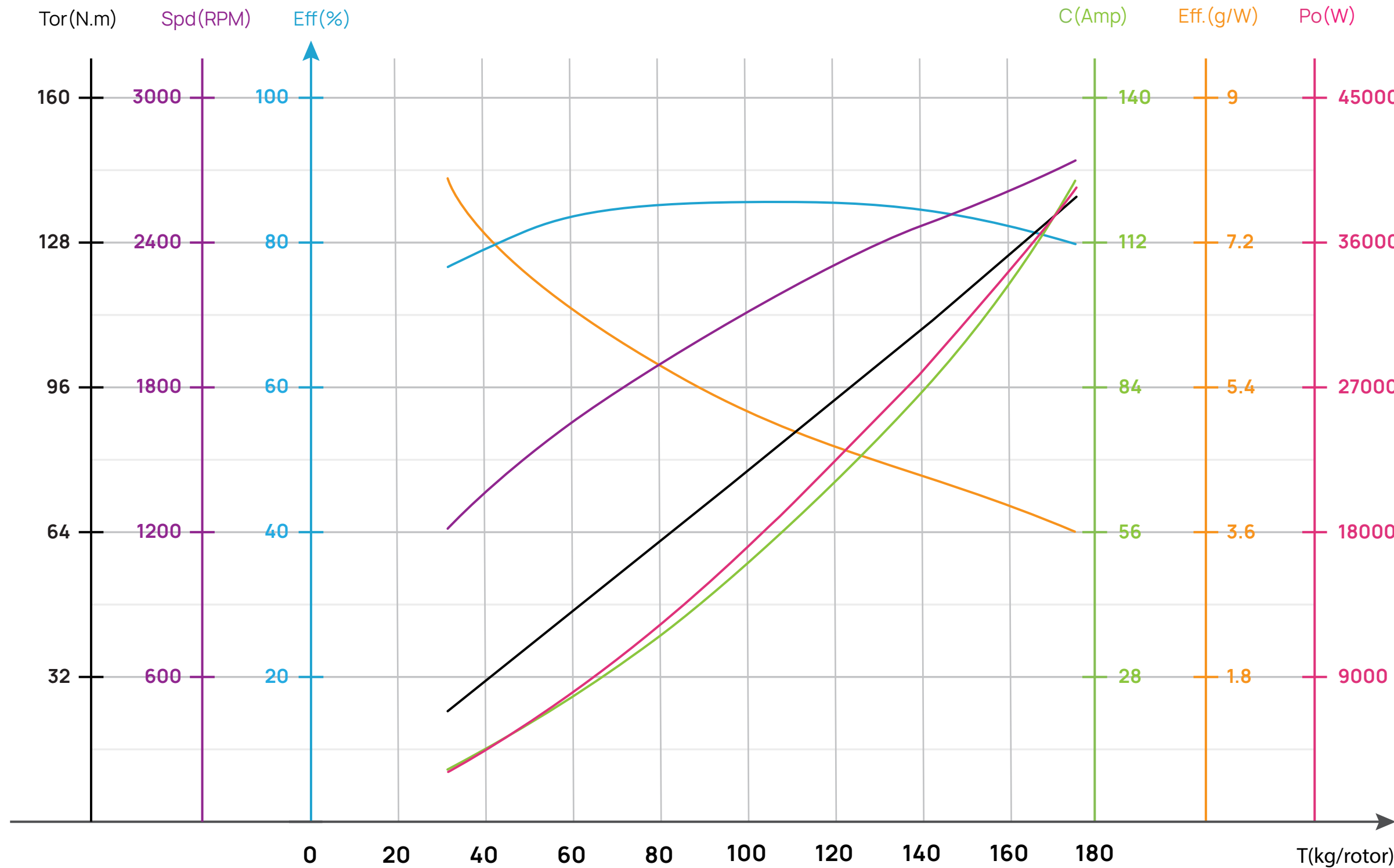
Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Speed 转速 (RPM)	Efficiency 力效 (g/W)	Torque 扭矩 (N·m)	Power Output 输出功率 (W)	Temperature 电机温度 (°C)
400V	MSC 73x25	33%	34515	9.7	3891.3	1142	8.9	24.98	2986.7	/
		35%	39048	11.4	4578.1	1212	8.5	28.27	3587.6	
		37%	43808	13.3	5339.4	1281	8.2	31.73	4256.5	
		39%	48758	15.4	6172.5	1350	7.9	35.35	4996.5	
		42%	56469	18.9	7549.9	1449	7.5	41.00	6220.1	
		45%	64430	22.7	9069.6	1543	7.1	46.86	7571.3	
		48%	72550	26.8	10719.3	1632	6.8	52.88	9036.3	
		51%	80745	31.2	12486.5	1717	6.5	58.99	10605.2	
		54%	88938	35.9	14358.7	1796	6.2	65.13	12248.6	
		57%	97063	40.8	16323.2	1872	5.9	71.26	13967.7	
		60%	105056	45.9	18365.7	1943	5.7	77.31	15730.0	
		63%	112862	51.2	20470.2	2009	5.5	83.26	17514.5	
		66%	120428	56.5	22618.1	2072	5.3	89.04	19318.5	
		69%	127705	62.0	24787.6	2130	5.2	94.62	21104.4	
		72%	134647	67.4	26953.9	2183	5.0	99.96	22850.6	
		75%	141209	72.7	29089.1	2232	4.9	105.03	24546.8	
		78%	147345	77.9	31162.9	2275	4.7	109.77	26150.2	
		81%	153010	82.9	33142.4	2312	4.6	114.17	27638.7	
		84%	158157	87.5	34993.7	2344	4.5	118.16	29002.6	
		87%	162738	91.7	36681.4	2371	4.4	121.73	30221.7	
90%	166698	95.4	38170.0	2392	4.4	124.82	31262.7			
100%	174640	103.1	41230.4	2429	4.2	131.02	33325.3			

P85M-355V & MSC 64x35



Voltage 工作电压(V)	Propeller 螺旋桨	Throttle 油门(%)	Thrust 拉力(g)	Current 电流(A)	Power Input 输入功率(W)	Speed 转速(RPM)	Efficiency 力效(g/W)	Torque 扭矩(N·m)	Power Output 输出功率(W)	Temperature 电机温度(°C)
355V	MSC 64x35	34%	36594	13.4	4746.2	1289	7.7	27.76	3746.9	/
		35%	38907	14.5	5154.6	1329	7.5	29.52	4108.1	
		37%	43774	17.0	6049.6	1409	7.2	33.22	4901.3	
		39%	48911	19.8	7044.5	1487	6.9	37.12	5780.2	
		42%	57010	24.5	8710.2	1602	6.5	43.27	7258.7	
		45%	65441	29.8	10561.8	1712	6.2	49.67	8904.8	
		48%	74067	35.4	12573.4	1814	5.9	56.23	10681.1	
		51%	82774	41.5	14720.5	1910	5.6	62.86	12573.0	
		54%	91464	47.8	16981.4	2000	5.4	69.50	14555.6	
		57%	100056	54.5	19337.7	2084	5.2	76.09	16603.9	
		60%	108481	61.3	21773.9	2164	5.0	82.57	18710.4	
		63%	116680	68.4	24276.5	2238	4.8	88.91	20835.9	
		66%	124603	75.6	26832.5	2308	4.6	95.07	22976.5	
		69%	132203	82.9	29427.3	2374	4.5	101.02	25112.0	
		72%	139434	90.3	32043.0	2435	4.4	106.72	27211.3	
		75%	146253	97.6	34656.1	2491	4.2	112.14	29251.4	
		78%	152610	104.9	37235.2	2541	4.1	117.25	31196.2	
81%	158450	111.9	39739.4	2584	4.0	121.98	33005.4			
84%	163710	118.6	42115.8	2622	3.9	126.29	34674.3			
87%	168316	124.8	44298.4	2652	3.8	130.11	36130.0			
90%	172178	130.2	46207.2	2676	3.7	133.34	37362.0			
100%	178174	138.9	49323.7	2710	3.6	138.42	39278.2			

P85M-400V & MSC 64x35



Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Speed 转速 (RPM)	Efficiency 力效 (g/W)	Torque 扭矩 (N·m)	Power Output 输出功率 (W)	Temperature 电机温度 (°C)
400V	MSC 64x35	34%	36689	12.1	4850.2	1292	7.6	27.81	3762.6	/
		35%	39068	13.2	5280.6	1333	7.4	29.62	4134.3	
		37%	44042	15.5	6198.0	1413	7.1	33.40	4941.3	
		39%	49250	18.0	7192.1	1492	6.8	37.35	5834.8	
		42%	57376	22.1	8830.2	1604	6.5	43.51	7307.8	
		45%	65735	26.6	10644.2	1710	6.2	49.85	8926.4	
		48%	74202	31.6	12624.1	1810	5.9	56.29	10667.8	
		51%	82681	36.9	14751.0	1907	5.6	62.74	12528.5	
		54%	91103	42.5	16999.9	1998	5.4	69.17	14471.0	
		57%	99419	48.4	19345.1	2085	5.1	75.53	16490.4	
		60%	107594	54.4	21763.4	2167	4.9	81.81	18562.7	
		63%	115603	60.6	24237.3	2243	4.8	87.97	20662.6	
		66%	123422	66.9	26755.4	2312	4.6	94.02	22762.6	
		69%	131027	73.3	29312.2	2376	4.5	99.94	24864.4	
		72%	138385	79.8	31905.3	2433	4.3	105.70	26928.5	
		75%	145449	86.3	34531.6	2485	4.2	111.28	28955.0	
		78%	152154	93.0	37180.3	2533	4.1	116.62	30931.9	
81%	158410	99.6	39823.8	2577	4.0	121.66	32829.9			
84%	164096	106.0	42405.2	2618	3.9	126.30	34624.4			
87%	169054	112.1	44825.1	2655	3.8	130.40	36253.8			
90%	173088	117.3	46929.6	2688	3.7	133.78	37655.1			
100%	177423	123.4	49348.8	2726	3.6	137.46	39237.5			