



LOAD PERFORMANCE PARAMETERS

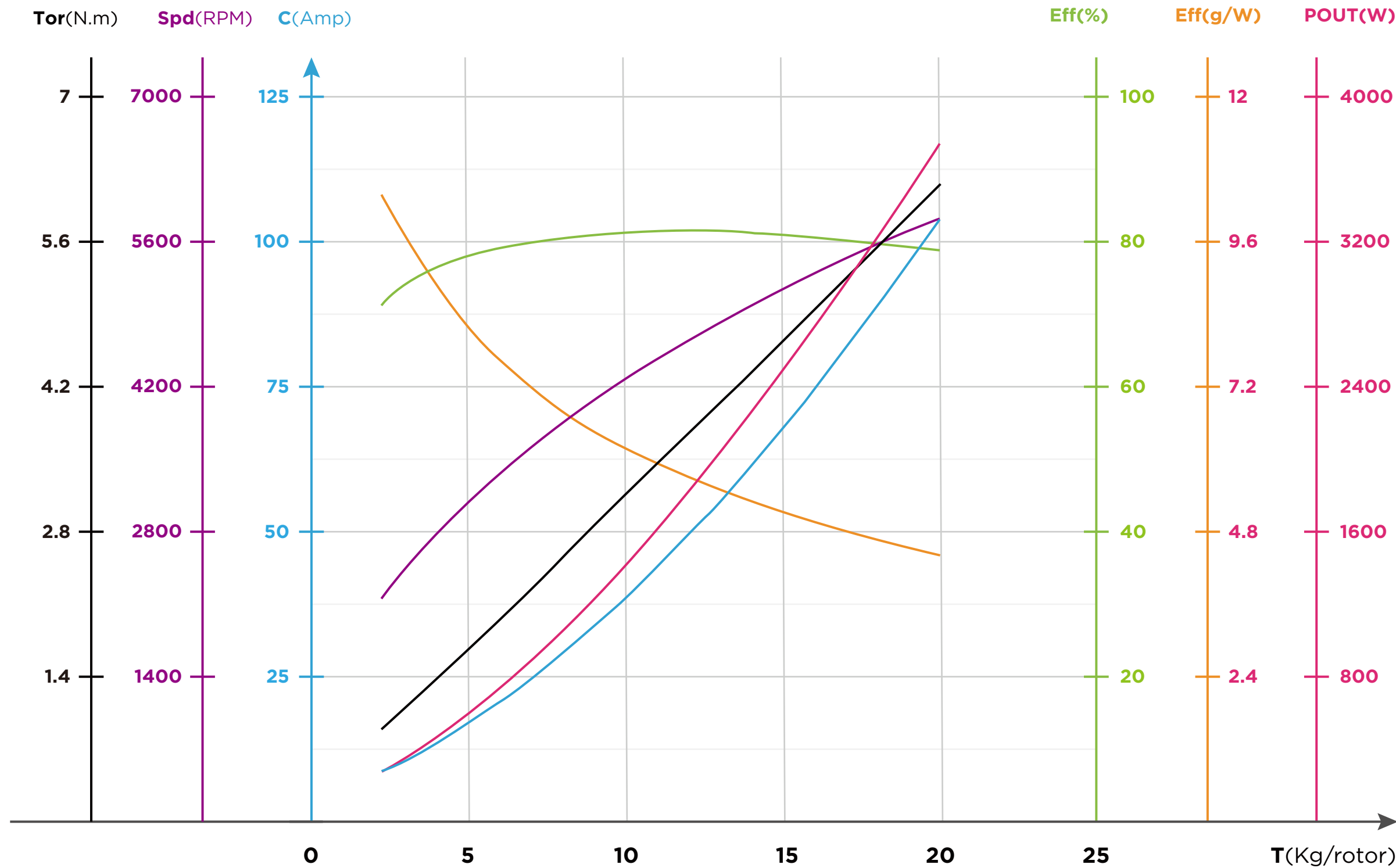
负载性能参数

以下数据为室温 25°C、海平面高度的环境下，变化油门输入调节拉力测得。电机温度为65%油门下电机运行10分钟温度。

Under the environment of sea level altitude, the data above is measured in room temperature of 25°C.

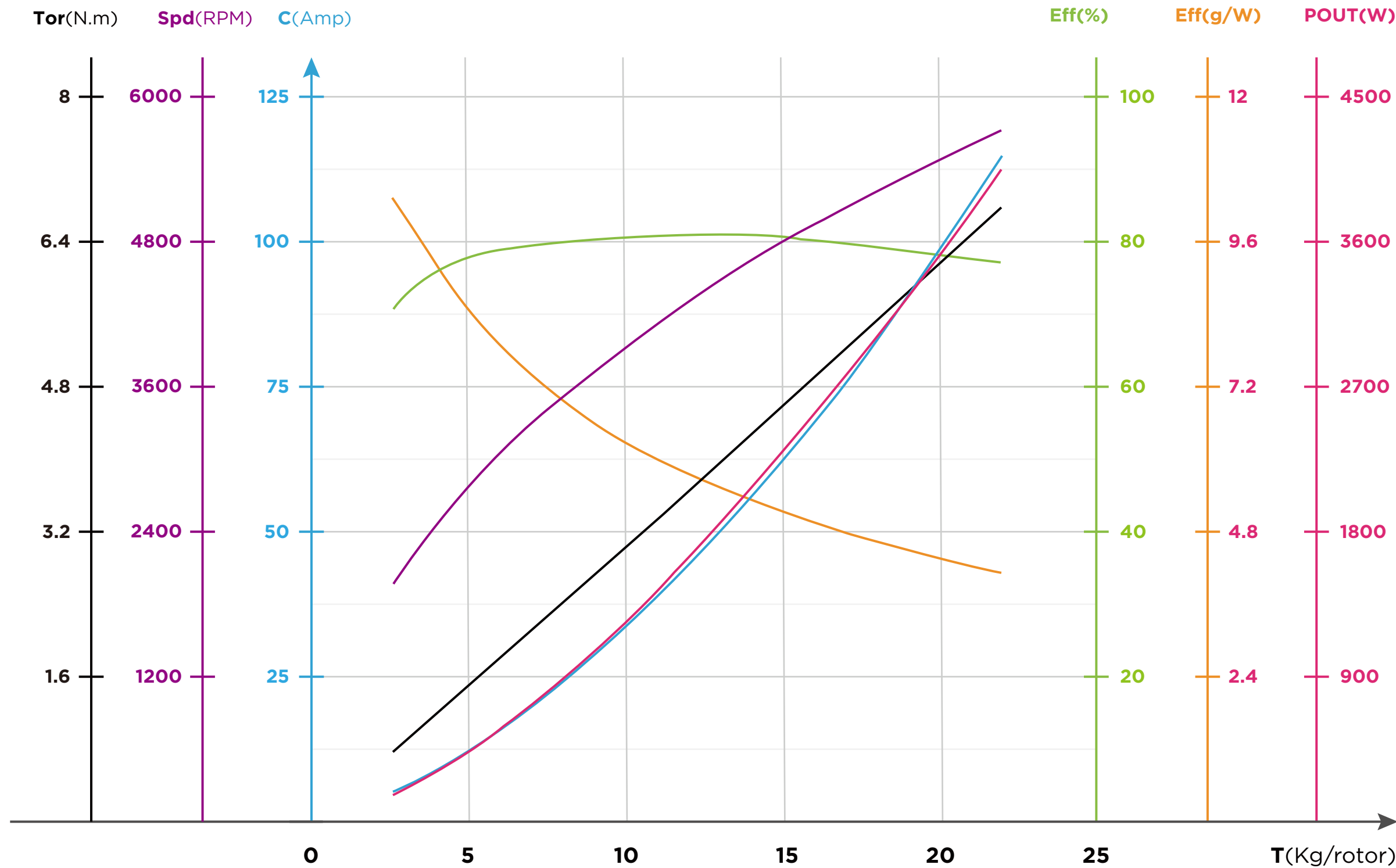
The throttle input is able to adjust the tension, and the motor temperature is the temperature of the rated throttle running for 10 minutes.

HV 8017 160KV & 27*8.8"



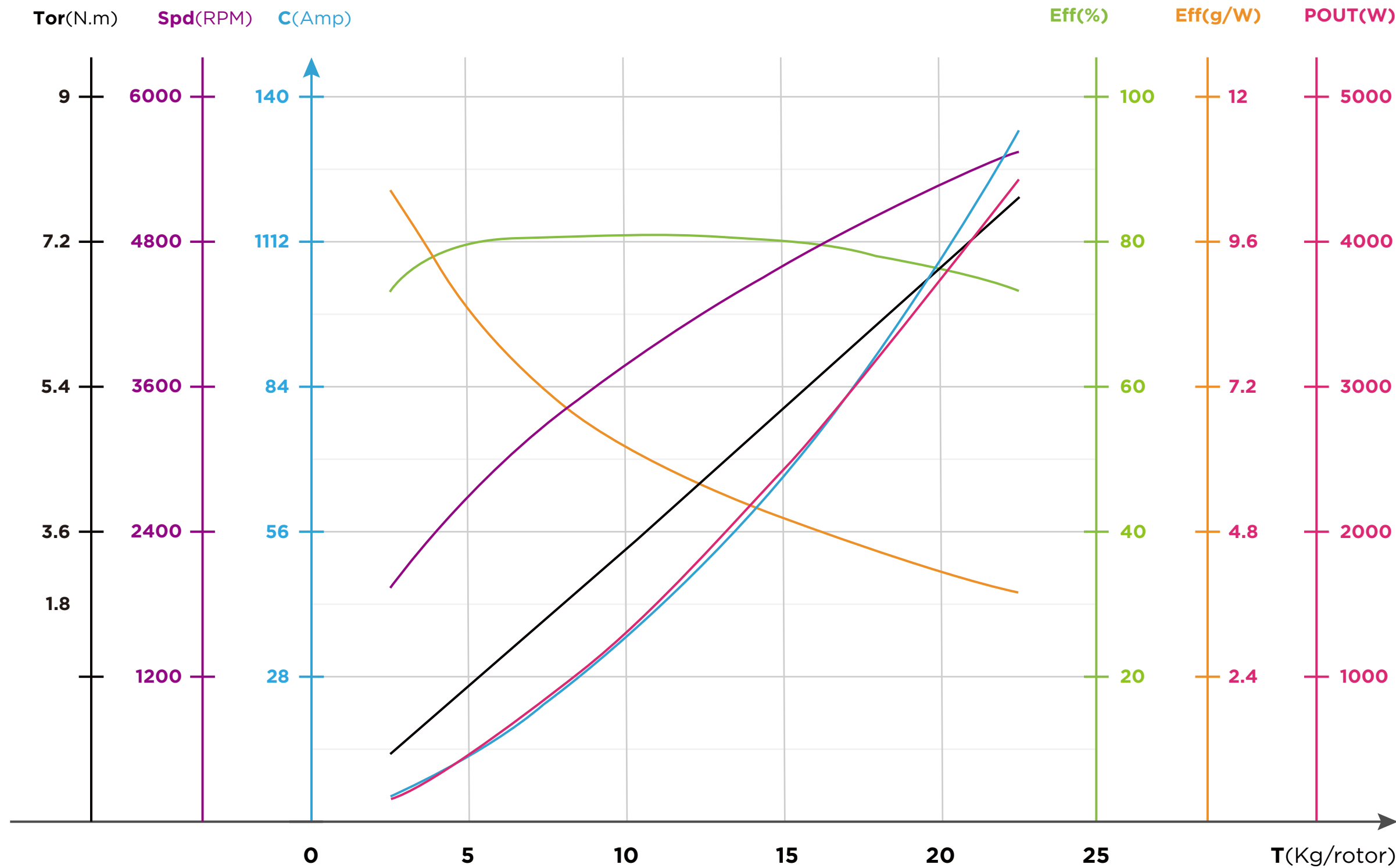
| Voltage(V) 工作电压 | Propeller 螺旋桨 | Throttle(%) 油门 | Thrust(g) 拉力 | Current(A) 电流 | Power(W) 输入功率 | Speed(RPM) 转速 | Efficiency(g/W) 力效 | Torque(N·m) 扭矩 | Temperature(°C) 电机机壳温度 |
|--------------------|------------------|-------------------|-----------------|------------------|------------------|------------------|-----------------------|-------------------|---------------------------|
| 46V (12S LiPo) | 27*8.8" | 32% | 2384 | 5.1 | 235.8 | 2128 | 10.1 | 0.77 | 69°C |
| | | 33% | 2592 | 5.7 | 261.5 | 2211 | 9.9 | 0.83 | |
| | | 36% | 3157 | 7.3 | 336.0 | 2426 | 9.4 | 0.99 | |
| | | 39% | 3665 | 8.9 | 409.0 | 2605 | 9.0 | 1.14 | |
| | | 42% | 4156 | 10.5 | 484.1 | 2768 | 8.6 | 1.28 | |
| | | 45% | 4658 | 12.3 | 565.5 | 2925 | 8.2 | 1.43 | |
| | | 48% | 5191 | 14.3 | 656.7 | 3083 | 7.9 | 1.59 | |
| | | 51% | 5771 | 16.5 | 761.1 | 3244 | 7.6 | 1.77 | |
| | | 54% | 6405 | 19.1 | 881.2 | 3412 | 7.3 | 1.96 | |
| | | 57% | 7096 | 22.1 | 1019.0 | 3584 | 7.0 | 2.17 | |
| | | 60% | 7844 | 25.5 | 1175.6 | 3761 | 6.7 | 2.40 | |
| | | 63% | 8644 | 29.3 | 1351.8 | 3942 | 6.4 | 2.65 | |
| | | 66% | 9490 | 33.6 | 1547.3 | 4123 | 6.1 | 2.91 | |
| | | 69% | 10371 | 38.2 | 1761.6 | 4304 | 5.9 | 3.18 | |
| | | 72% | 11280 | 43.3 | 1993.6 | 4482 | 5.7 | 3.46 | |
| | | 75% | 12206 | 48.7 | 2242.0 | 4656 | 5.4 | 3.75 | |
| | | 78% | 13141 | 54.4 | 2505.2 | 4824 | 5.2 | 4.04 | |
| | | 81% | 14079 | 60.4 | 2781.6 | 4984 | 5.1 | 4.33 | |
| | | 84% | 15015 | 66.7 | 3070.1 | 5136 | 4.9 | 4.62 | |
| | | 87% | 15950 | 73.2 | 3370.3 | 5280 | 4.7 | 4.91 | |
| 90% | 16886 | 80.0 | 3682.8 | 5417 | 4.6 | 5.21 | | | |
| 100% | 20009 | 104.1 | 4794.7 | 5834 | 4.2 | 6.17 | | | |

HV 8017 160KV & 28*9.2"



| Voltage(V) 工作电压 | Propeller 螺旋桨 | Throttle(%) 油门 | Thrust(g) 拉力 | Current(A) 电流 | Power(W) 输入功率 | Speed(RPM) 转速 | Efficiency(g/W) 力效 | Torque(N·m) 扭矩 | Temperature(°C) 电机机壳温度 |
|--------------------|------------------|-------------------|-----------------|------------------|------------------|------------------|-----------------------|-------------------|---------------------------|
| 46V (12S LiPo) | 28*9.2" | 32% | 2633 | 5.7 | 263.6 | 2099 | 10.0 | 0.87 | 73°C |
| | | 33% | 2866 | 6.4 | 292.7 | 2183 | 9.8 | 0.94 | |
| | | 36% | 3496 | 8.2 | 376.9 | 2398 | 9.3 | 1.13 | |
| | | 39% | 4058 | 10.0 | 458.8 | 2577 | 8.8 | 1.30 | |
| | | 42% | 4593 | 11.8 | 542.3 | 2738 | 8.5 | 1.46 | |
| | | 45% | 5134 | 13.7 | 631.8 | 2891 | 8.1 | 1.63 | |
| | | 48% | 5706 | 15.9 | 731.7 | 3045 | 7.8 | 1.80 | |
| | | 51% | 6324 | 18.4 | 845.5 | 3202 | 7.5 | 1.99 | |
| | | 54% | 7000 | 21.2 | 976.4 | 3365 | 7.2 | 2.20 | |
| | | 57% | 7738 | 24.5 | 1126.7 | 3533 | 6.9 | 2.43 | |
| | | 60% | 8537 | 28.2 | 1298.2 | 3706 | 6.6 | 2.68 | |
| | | 63% | 9395 | 32.4 | 1491.5 | 3881 | 6.3 | 2.94 | |
| | | 66% | 10304 | 37.1 | 1707.0 | 4058 | 6.0 | 3.23 | |
| | | 69% | 11254 | 42.2 | 1944.1 | 4233 | 5.8 | 3.53 | |
| | | 72% | 12236 | 47.8 | 2201.7 | 4406 | 5.6 | 3.84 | |
| | | 75% | 13238 | 53.8 | 2478.1 | 4574 | 5.3 | 4.16 | |
| | | 78% | 14249 | 60.2 | 2771.6 | 4735 | 5.1 | 4.49 | |
| | | 81% | 15262 | 66.9 | 3079.8 | 4890 | 5.0 | 4.81 | |
| | | 84% | 16268 | 73.8 | 3400.9 | 5036 | 4.8 | 5.13 | |
| | | 87% | 17263 | 81.1 | 3733.3 | 5174 | 4.6 | 5.45 | |
| 90% | 18249 | 88.5 | 4076.5 | 5305 | 4.5 | 5.76 | | | |
| 100% | 21389 | 114.2 | 5259.7 | 5704 | 4.1 | 6.76 | | | |

HV 8017 160KV & 29*9.5"



| Voltage(V) 工作电压 | Propeller 螺旋桨 | Throttle(%) 油门 | Thrust(g) 拉力 | Current(A) 电流 | Power(W) 输入功率 | Speed(RPM) 转速 | Efficiency(g/W) 力效 | Torque(N·m) 扭矩 | Temperature(°C) 电机机壳温度 |
|--------------------|------------------|-------------------|-----------------|------------------|------------------|------------------|-----------------------|-------------------|---------------------------|
| 46V (12S LiPo) | 29*9.5" | 32% | 2938 | 6.4 | 294.6 | 2066 | 10.0 | 1.01 | 78°C |
| | | 33% | 3196 | 7.1 | 327.4 | 2148 | 9.8 | 1.09 | |
| | | 36% | 3898 | 9.2 | 424.1 | 2359 | 9.2 | 1.32 | |
| | | 39% | 4528 | 11.3 | 519.9 | 2535 | 8.7 | 1.52 | |
| | | 42% | 5130 | 13.4 | 618.6 | 2693 | 8.3 | 1.72 | |
| | | 45% | 5738 | 15.7 | 724.7 | 2843 | 7.9 | 1.92 | |
| | | 48% | 6376 | 18.3 | 842.7 | 2993 | 7.6 | 2.13 | |
| | | 51% | 7063 | 21.2 | 976.4 | 3144 | 7.2 | 2.35 | |
| | | 54% | 7808 | 24.5 | 1129.2 | 3300 | 6.9 | 2.60 | |
| | | 57% | 8616 | 28.3 | 1303.4 | 3460 | 6.6 | 2.86 | |
| | | 60% | 9486 | 32.6 | 1500.9 | 3623 | 6.3 | 3.15 | |
| | | 63% | 10415 | 37.4 | 1722.5 | 3789 | 6.0 | 3.46 | |
| | | 66% | 11393 | 42.7 | 1968.6 | 3955 | 5.8 | 3.79 | |
| | | 69% | 12410 | 48.6 | 2239.2 | 4121 | 5.5 | 4.13 | |
| | | 72% | 13455 | 55.0 | 2533.5 | 4284 | 5.3 | 4.48 | |
| | | 75% | 14515 | 61.9 | 2850.2 | 4443 | 5.1 | 4.84 | |
| | | 78% | 15578 | 69.2 | 3187.6 | 4596 | 4.9 | 5.20 | |
| | | 81% | 16634 | 76.9 | 3543.4 | 4742 | 4.7 | 5.57 | |
| | | 84% | 17672 | 85.0 | 3915.2 | 4879 | 4.5 | 5.92 | |
| | | 87% | 18687 | 93.4 | 4300.5 | 5007 | 4.3 | 6.27 | |
| 90% | 19677 | 102.0 | 4697.7 | 5127 | 4.2 | 6.61 | | | |
| 100% | 22713 | 131.3 | 6047.7 | 5462 | 3.8 | 7.63 | | | |