



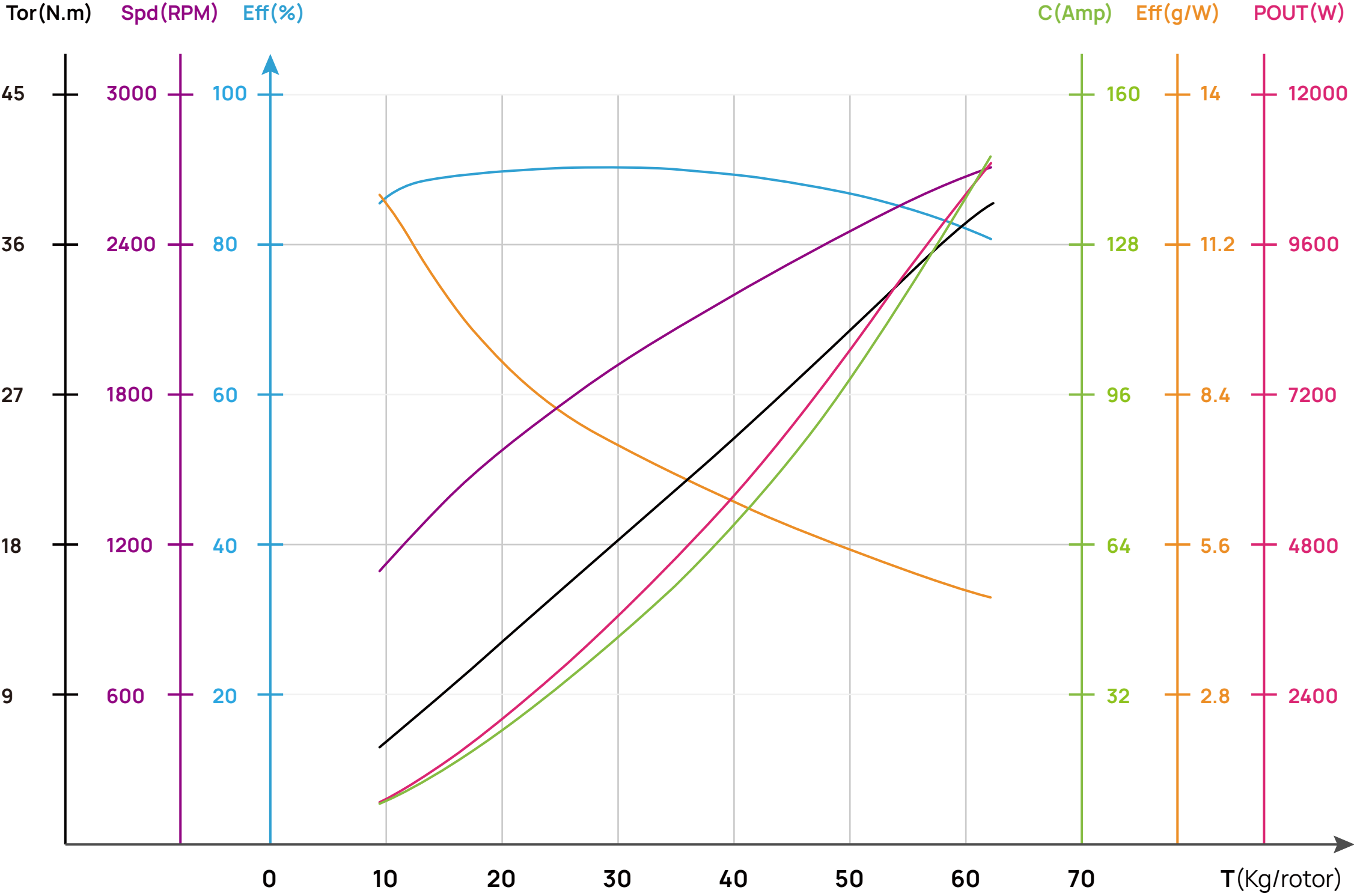
LOAD PERFORMANCE PARAMETERS

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，电机温度为65%油门运行10分钟数据，仅供参考。

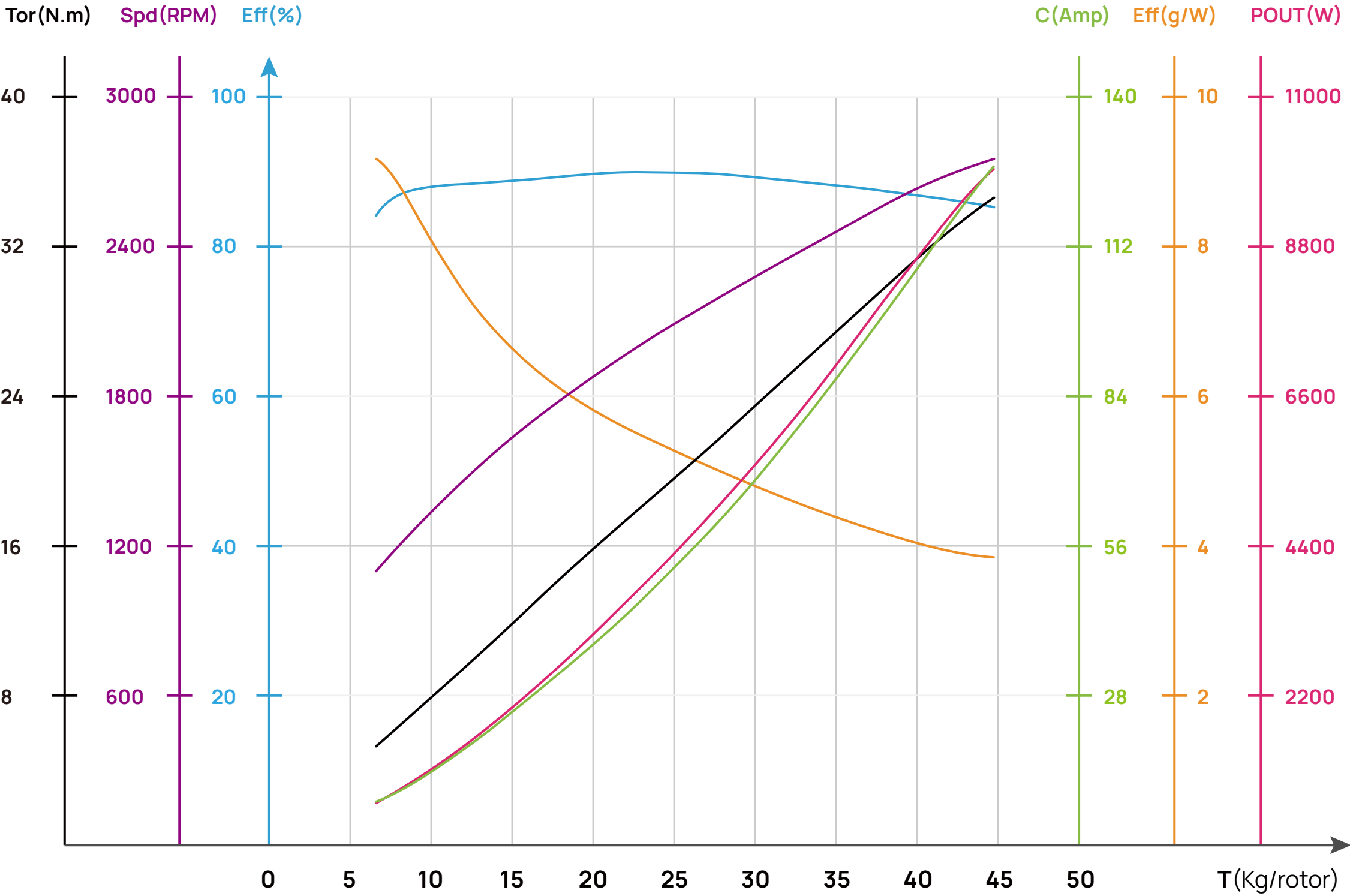
The above data is measured by HobbyWing laboratory at room temperature 25°C,
sea level, change the throttle input adjustment, the motor temperature is 65% and the throttle runs for 10 minutes, for reference only.

H13MD上轴负载性能参数



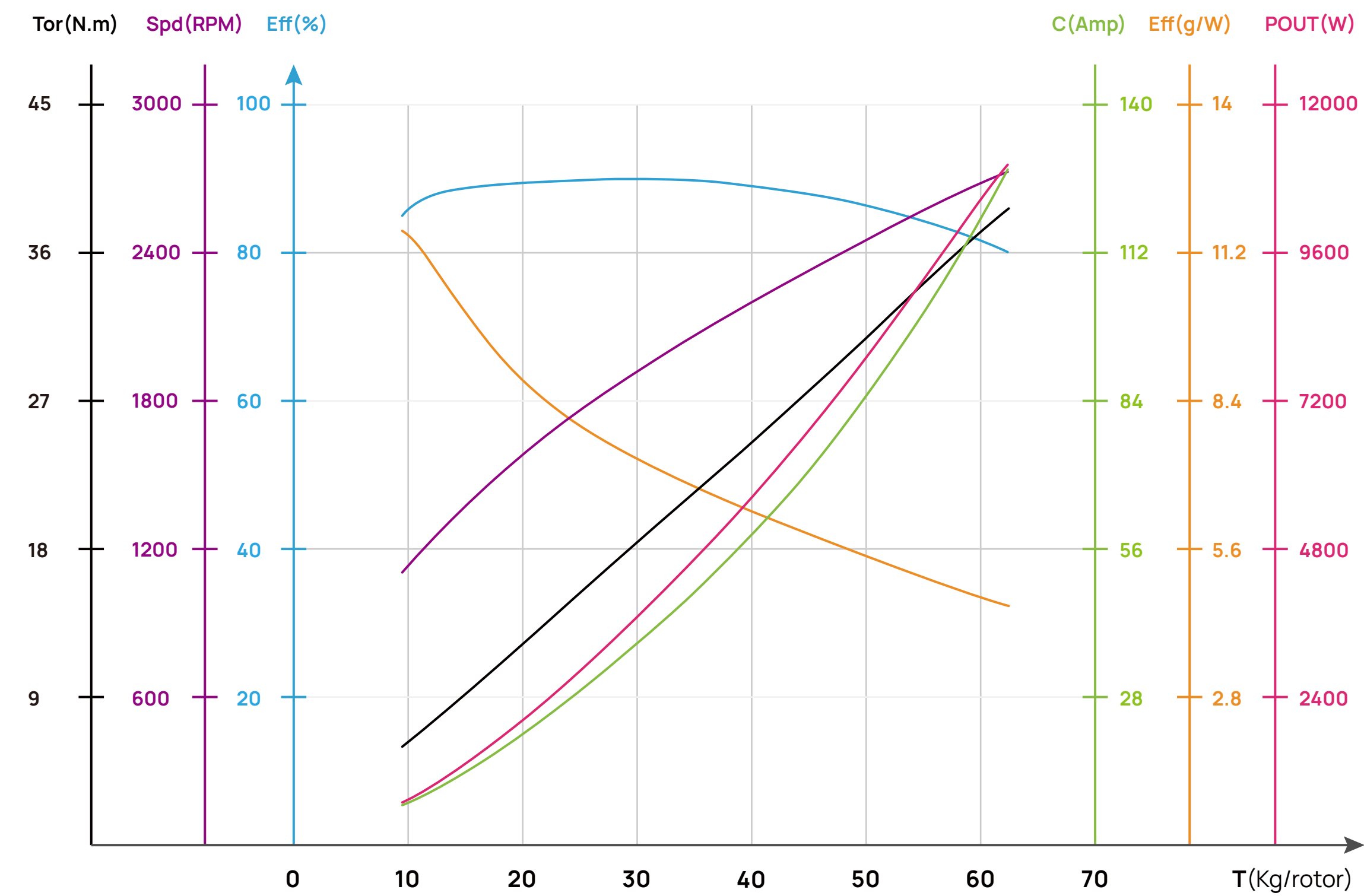
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Input Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Torque(N·m) 扭矩	Temperature(°C) 电机机壳温度
92V (24S LiPo)	MSC 54x20	33%	9582	8.8	808	1104	11.9	6.0	86°C
		35%	10684	10.1	926	1164	11.5	6.6	
		37%	11877	11.6	1067	1225	11.1	7.3	
		39%	13145	13.4	1230	1288	10.7	8.1	
		42%	15167	16.4	1512	1382	10.0	9.3	
		45%	17829	20.9	1928	1475	9.2	10.6	
		48%	20145	25.1	2309	1567	8.7	12.0	
		51%	22563	29.7	2729	1656	8.3	13.5	
		54%	25082	34.6	3188	1742	7.9	15.0	
		57%	27704	40.1	3688	1828	7.5	16.5	
		60%	30433	46.0	4234	1911	7.2	18.2	
		63%	32301	50.0	4604	1994	7.0	19.9	
		66%	35159	56.9	5234	2077	6.7	21.6	
		69%	38111	64.4	5931	2160	6.4	23.5	
		72%	41140	72.8	6704	2242	6.1	25.4	
		75%	44215	82.1	7555	2322	5.9	27.4	
		78%	47295	92.1	8479	2401	5.6	29.4	
		81%	50319	102.8	9458	2475	5.3	31.5	
		84%	53208	113.6	10457	2543	5.1	33.4	
		87%	55863	124.1	11424	2602	4.9	35.2	
		90%	58159	133.5	12292	2649	4.7	36.6	
		100%	61293	146.7	13505	2706	4.5	38.4	

HMD下轴负载性能参数



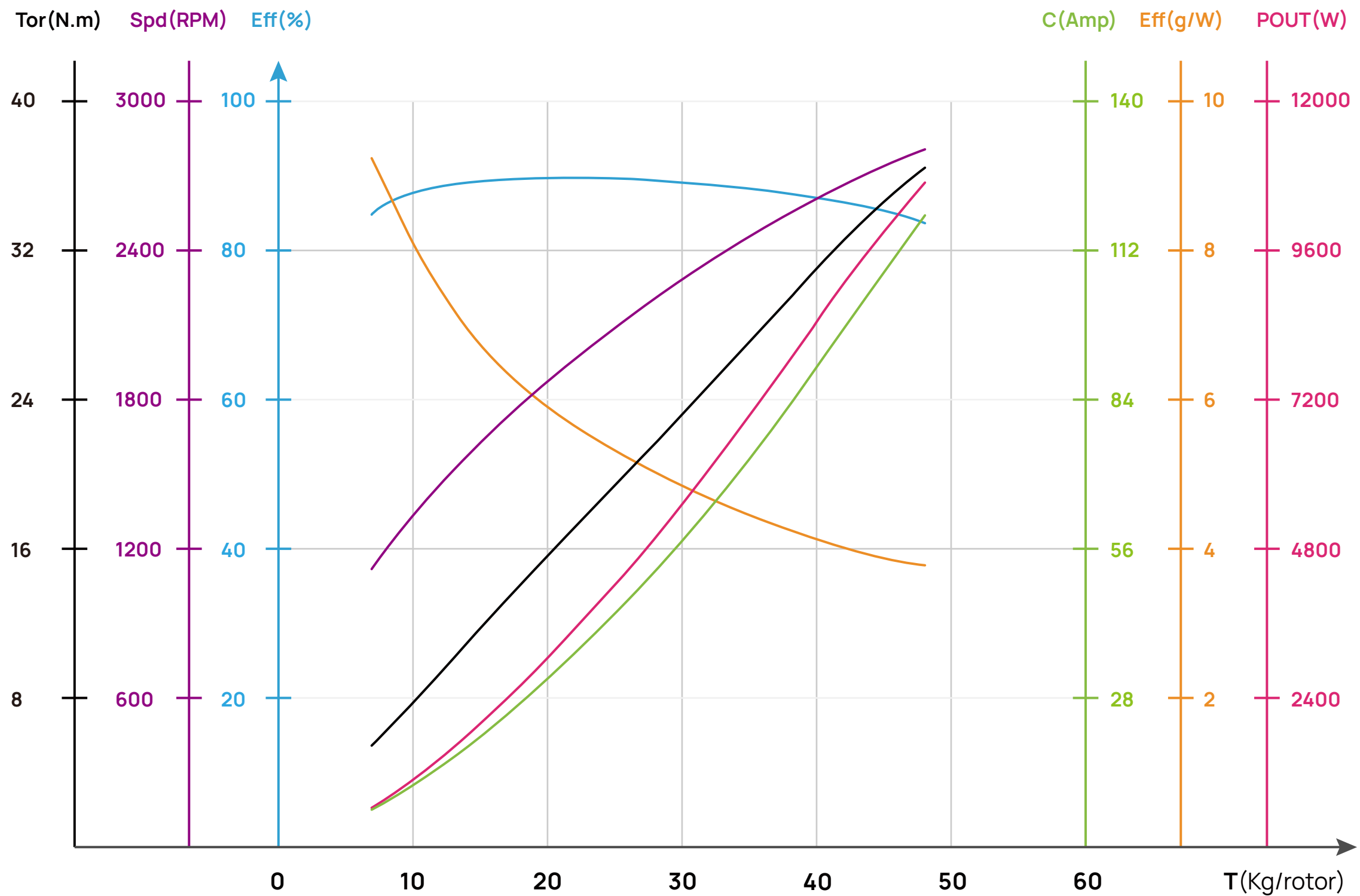
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Input Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Torque(N·m) 扭矩	Temperature(°C) 电机机壳温度
92V (24S LiPo)	MSC 54x20	33%	6729	8.1	747	1113	9.0	5.4	79℃
		35%	7533	9.3	855	1171	8.8	6.0	
		37%	8401	10.7	986	1232	8.5	6.7	
		39%	9318	12.4	1140	1294	8.2	7.4	
		42%	10767	15.3	1408	1390	7.6	8.5	
		45%	12503	20.1	1852	1484	6.8	9.7	
		48%	14102	24.1	2218	1577	6.4	11.0	
		51%	15756	28.4	2615	1667	6.0	12.3	
		54%	18433	34.7	3190	1754	5.8	13.7	
		57%	19246	37.2	3427	1838	5.6	15.1	
		60%	21102	41.8	3850	1922	5.5	16.5	
		63%	22639	45.7	4202	2004	5.4	18.0	
		66%	24641	51.6	4753	2086	5.2	19.6	
		69%	26737	58.3	5364	2168	5.0	21.2	
		72%	28919	65.7	6043	2252	4.8	22.9	
		75%	31169	73.8	6793	2336	4.6	24.7	
		78%	33457	82.7	7609	2421	4.4	26.5	
		81%	35735	92.0	8468	2504	4.2	28.4	
		84%	37941	101.4	9331	2580	4.1	30.1	
		87%	39988	110.2	10139	2646	3.9	31.7	
		90%	41769	117.7	10829	2696	3.9	33.0	
		100%	44117	126.9	11675	2747	3.8	34.6	

H13MD上轴负载性能参数



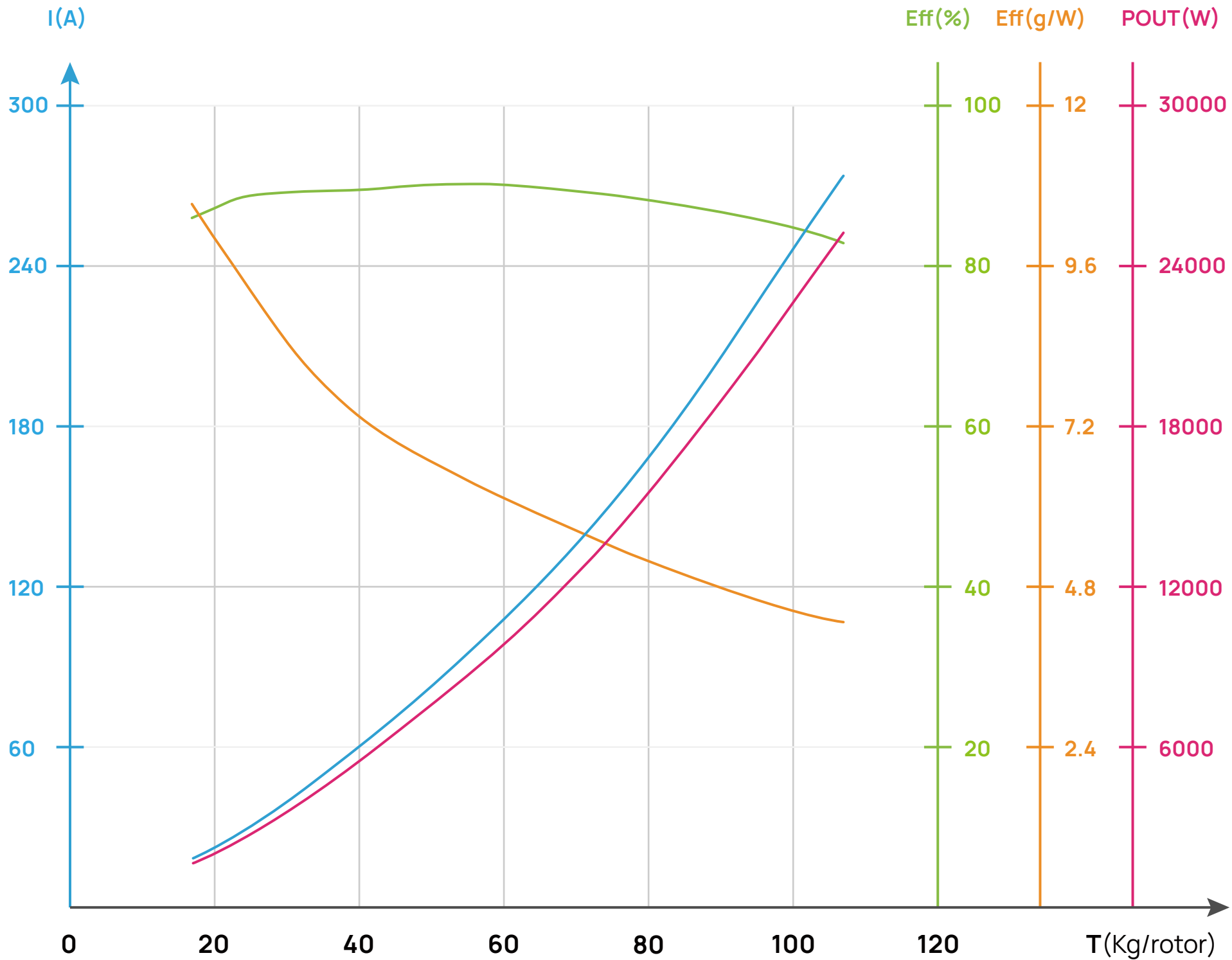
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Input Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Torque(N·m) 扭矩	Temperature(°C) 电机机壳温度
108V (28S LiPo)	MSC 54x20	33%	9651	7.8	847	1123	11.4	6.2	80°C
		35%	10859	9.0	977	1186	11.1	6.8	
		37%	12132	10.4	1129	1250	10.7	7.6	
		39%	13465	12.1	1304	1314	10.3	8.4	
		42%	15570	14.9	1606	1410	9.7	9.7	
		45%	17796	18.1	1955	1505	9.1	11.1	
		48%	20140	21.7	2347	1599	8.6	12.5	
		51%	22601	25.7	2781	1691	8.1	14.1	
		54%	25178	30.1	3257	1781	7.7	15.7	
		57%	27870	34.9	3776	1868	7.4	17.4	
		60%	30670	40.2	4341	1954	7.1	19.1	
		63%	33572	45.9	4958	2038	6.8	20.9	
		66%	36561	52.1	5633	2121	6.5	22.7	
		69%	39617	59.0	6373	2203	6.2	24.6	
		72%	42711	66.5	7184	2283	5.9	26.5	
		75%	45803	74.7	8066	2363	5.7	28.5	
		78%	48844	83.4	9009	2440	5.4	30.5	
		81%	51771	92.5	9992	2512	5.2	32.5	
		84%	54506	101.6	10980	2578	5.0	34.3	
		87%	56958	110.3	11918	2634	4.8	35.9	
		90%	59017	117.9	12743	2679	4.6	37.2	
		100%	61552	127.7	13798	2730	4.5	38.7	

H13MD下轴负载性能参数



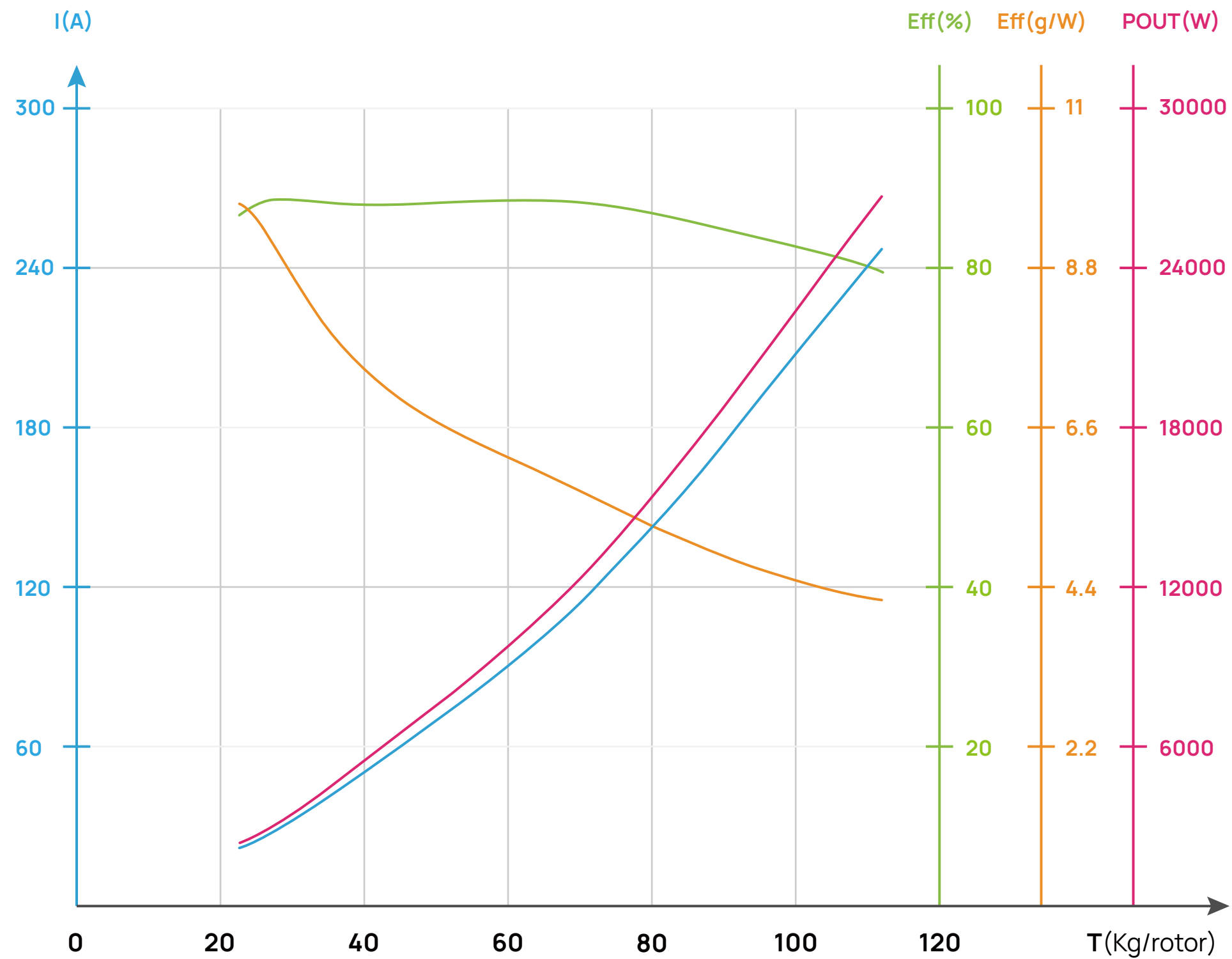
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Input Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Torque(N·m) 扭矩	Temperature(°C) 电机机壳温度
108V (28S LiPo)	MSC 54x20	33%	7010	7.2	777	1131	9.0	5.6	74°C
		35%	7814	8.3	897	1191	8.7	6.2	
		37%	8709	9.6	1040	1254	8.4	6.9	
		39%	9674	11.2	1205	1320	8.0	7.6	
		42%	11221	13.8	1490	1419	7.5	8.8	
		45%	12852	16.8	1815	1517	7.1	10.1	
		48%	14543	20.1	2175	1612	6.7	11.5	
		51%	16284	23.8	2567	1704	6.3	12.9	
		54%	18074	27.7	2990	1793	6.0	14.3	
		57%	19919	31.9	3448	1880	5.8	15.7	
		60%	21831	36.5	3946	1966	5.5	17.2	
		63%	23820	41.6	4488	2051	5.3	18.7	
		66%	25898	47.1	5084	2135	5.1	20.3	
		69%	28070	53.1	5739	2221	4.9	22.0	
		72%	30336	59.8	6459	2306	4.7	23.8	
		75%	32683	67.1	7247	2390	4.5	25.6	
		78%	35087	75.0	8096	2471	4.3	27.6	
		81%	37507	83.2	8990	2549	4.2	29.5	
		84%	39884	91.6	9897	2620	4.0	31.3	
		87%	42136	99.8	10774	2682	3.9	33.0	
		90%	44158	107.1	11563	2733	3.8	34.4	
		100%	47351	118.3	12775	2802	3.7	36.4	

92V共轴负载性能参数



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Input Power(W) 输入功率	Efficiency(%) 效率	Efficiency(g/W) 力效	Output Power(W) 输出功率	Temperature(°C) 电机机壳温度
92V (24S LiPo)	MSC 54x20	33%	17501	18.1	1667	86	10.5	1431	86°C
		35%	18490	19.5	1794	86	10.3	1547	
		37%	20581	22.5	2066	87	10.0	1801	
		39%	22800	25.8	2372	88	9.6	2088	
		41%	25125	29.5	2719	89	9.2	2409	
		43%	27541	33.8	3109	89	8.9	2764	
		45%	30036	38.5	3539	89	8.5	3151	
		47%	32603	43.5	4005	89	8.1	3569	
		49%	35239	48.9	4502	89	7.8	4016	
		51%	37944	54.6	5028	89	7.5	4490	
		53%	40718	60.6	5580	89	7.3	4990	
		55%	45125	71.8	6339	90	6.8	5680	
		58%	47982	77.9	7170	90	6.7	6441	
		61%	52586	87.8	8076	90	6.5	7268	
		63%	55764	95.6	8795	90	6.3	7918	
		65%	59031	103.9	9565	90	6.2	8607	
		68%	64093	117.7	10830	90	5.9	9719	
		71%	69330	133.0	12241	89	5.7	10935	
		75%	76515	156.0	14359	89	5.3	12710	
		80%	85567	188.2	17316	87	4.9	15109	
		85%	94162	221.5	20384	86	4.6	17490	
		100%	106991	273.6	25177	83	4.2	20829	

108V共轴负载性能参数



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Input Power(W) 输入功率	Efficiency(%) 效率	Efficiency(g/W) 力效	Output Power(W) 输出功率	Temperature(°C) 电机机壳温度
108V (28S LiPo)	MSC 54x20	33%	17914	16.2	1746	85.8	10.3	1499.2	80°C
		35%	18957	17.4	1883	86.2	10.1	1623.4	
		37%	21158	20.2	2178	87.1	9.7	1897.2	
		39%	23491	23.2	2510	87.9	9.4	2206.7	
		41%	25937	26.7	2885	88.5	9.0	2552.7	
		43%	28482	30.6	3303	88.9	8.6	2934.7	
		45%	31114	34.8	3762	89.1	8.3	3351.3	
		46%	32460	37.1	4006	89.2	8.1	3572.1	
		48%	35211	41.8	4520	89.3	7.8	4037.2	
		51%	39477	49.6	5353	89.5	7.4	4791.0	
		53%	42414	55.1	5947	89.6	7.1	5329.3	
		55%	45426	60.8	6573	89.7	6.9	5895.9	
		58%	50091	70.1	7573	89.8	6.6	6800.8	
		61%	54935	80.2	8659	89.8	6.3	7777.0	
		63%	58266	87.4	9439	89.7	6.2	8471.6	
		65%	61676	95.1	10270	89.6	6.0	9204.3	
		68%	66931	107.6	11623	89.3	5.8	10380.1	
		71%	72332	121.4	13115	88.8	5.5	11650.7	
		75%	79680	141.8	15320	88.0	5.2	13482.1	
		80%	88845	169.9	18358	86.7	4.8	15913.9	
		85%	97474	198.9	21491	85.1	4.5	18295.0	
		100%	110511	245.8	26556	81.7	4.2	21704.9	