



LOAD PERFORMANCE PARAMETERS

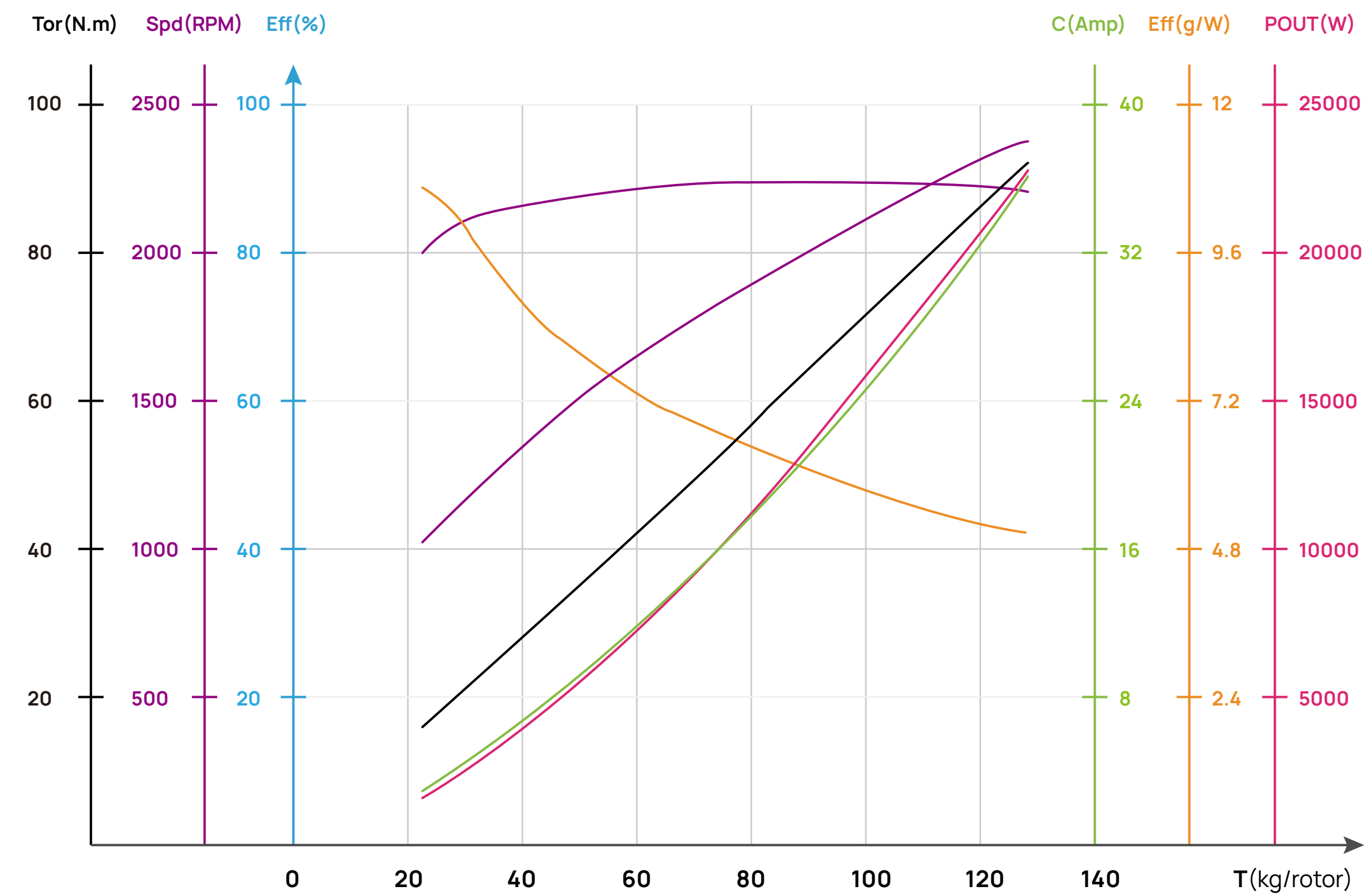
负载性能参数

以下数据为好盈实验室于室温 25℃、海平面高度，变化油门输入调节测得，机壳温度为65%油门运行10分钟数据，仅供参考。

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

720V上轴负载性能参数

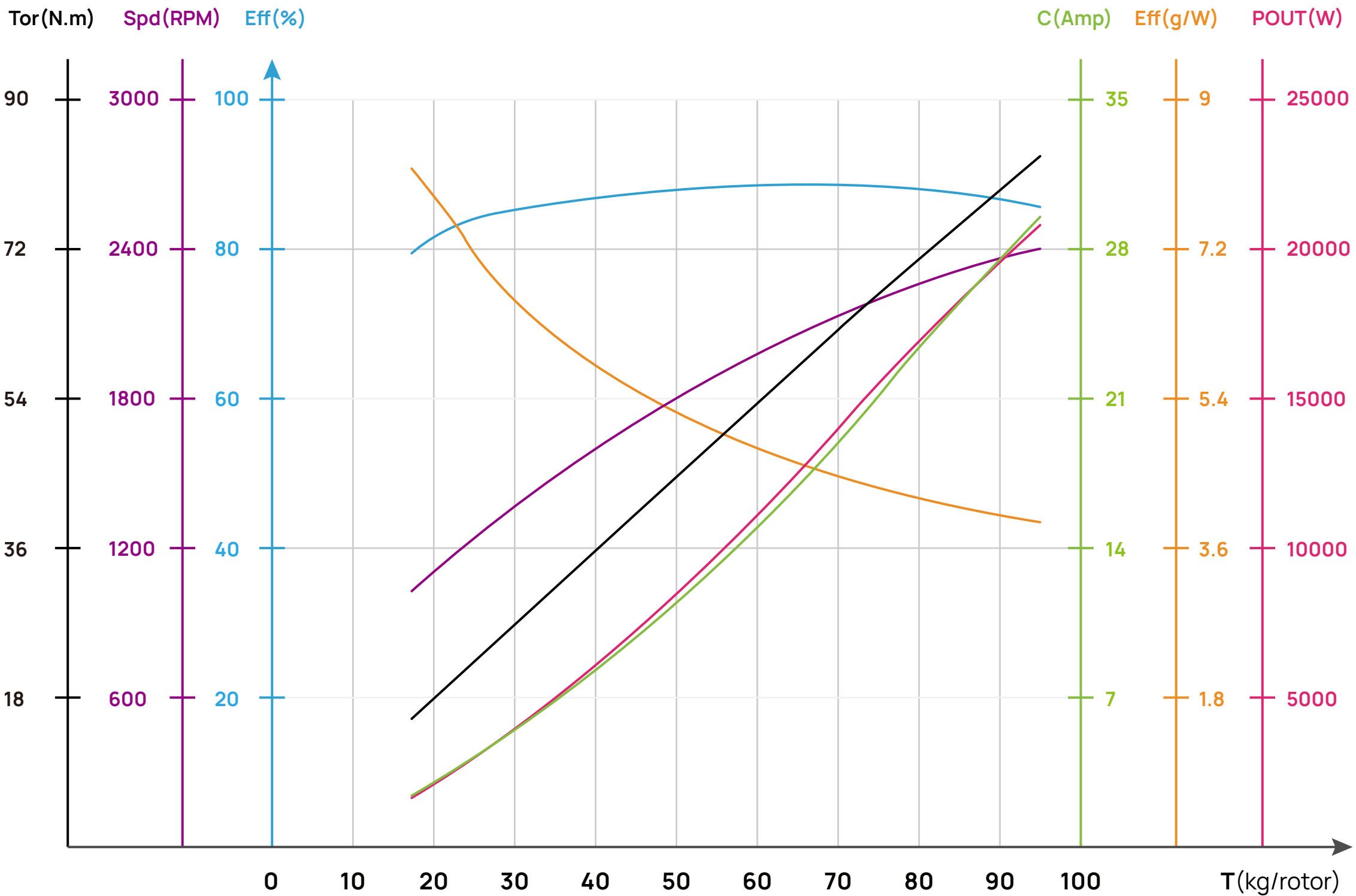
720V Load Performance Parameters of Upper Rotor of Coaxial



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Torque(N·m) 扭矩	Power Output(W) 输出功率	Temperature(℃) 温度
720V	72x25"	38%	38594	6.0	4312.8	1321	8.9	26.72	3696.0	/
		40%	42571	6.9	4975.2	1387	8.6	29.56	4293.2	
		42%	46612	7.9	5688.0	1450	8.2	32.46	4928.5	
		44%	50727	8.9	6436.8	1511	7.9	35.40	5601.0	
		46%	54923	10.0	7221.6	1571	7.6	38.39	6315.3	
		48%	59197	11.2	8049.6	1629	7.4	41.41	7063.5	
		50%	63543	12.4	8906.4	1686	7.1	44.47	7850.9	
		52%	67950	13.6	9806.4	1741	6.9	47.55	8668.5	
		54%	72402	14.9	10742.4	1795	6.7	50.66	9522.0	
		56%	76878	16.3	11714.4	1848	6.6	53.79	10408.8	
		58%	81354	17.7	12722.4	1899	6.4	56.94	11322.4	
		60%	85805	19.1	13766.4	1948	6.2	60.08	12255.1	
		62%	90201	20.6	14832.0	1995	6.1	63.21	13204.6	
		64%	94512	22.1	15926.4	2041	5.9	66.32	14173.7	
		66%	98707	23.6	17020.8	2084	5.8	69.37	15137.9	
		68%	102752	25.2	18122.4	2126	5.7	72.34	16104.2	
		70%	106617	26.7	19202.4	2164	5.6	75.19	17037.8	
		72%	110268	28.1	20246.4	2200	5.4	77.89	17943.2	
		76%	116809	30.8	22161.6	2261	5.3	82.69	19577.2	
		80%	122148	33.0	23745.6	2308	5.1	86.52	20909.8	
		85%	126861	34.9	25135.2	2347	5.0	89.75	22056.9	
		100%	129451	35.9	25876.8	2368	5.0	91.44	22673.3	

720V下轴负载性能参数

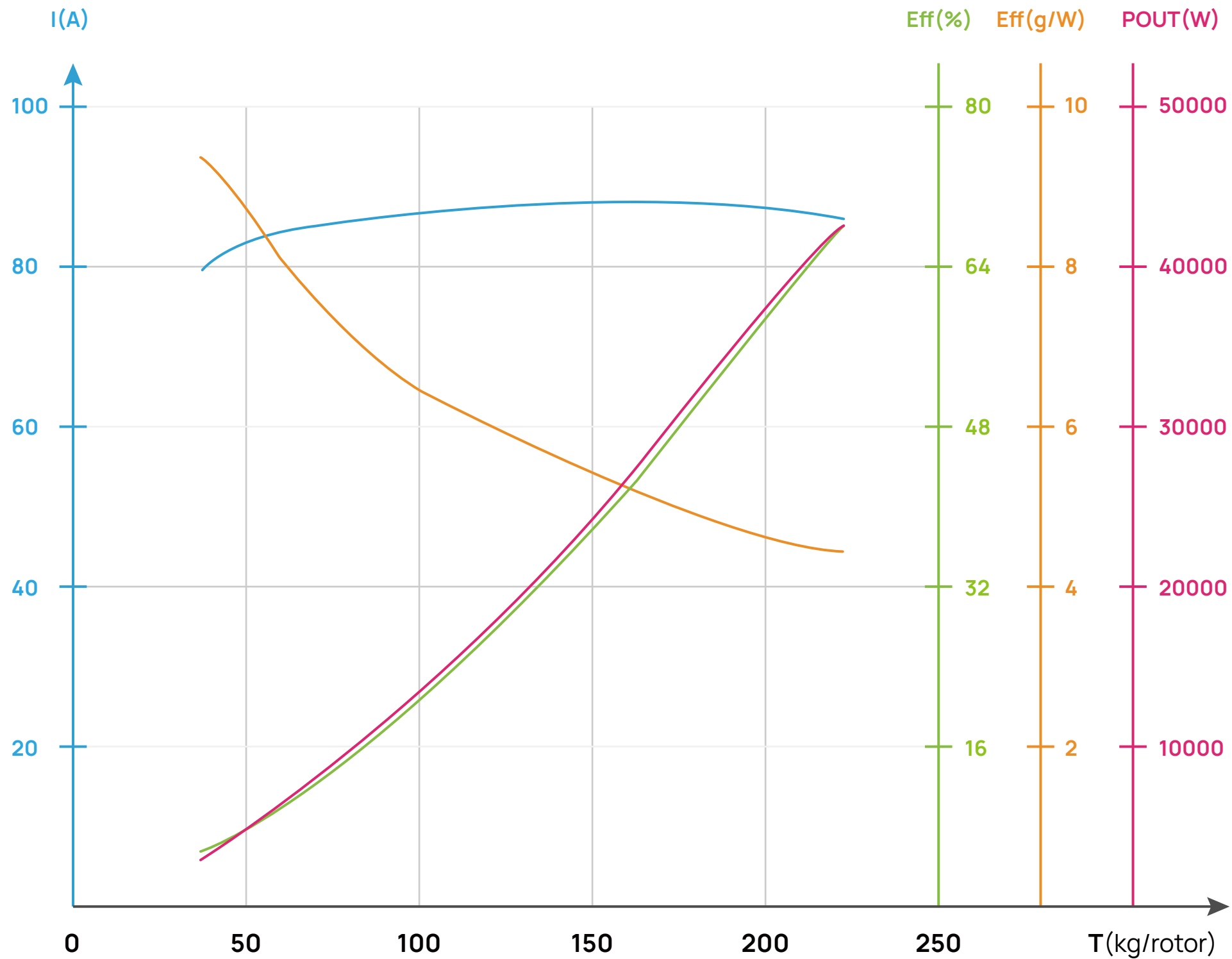
720V Load Performance Parameters of Bottom Rotor of Coaxial



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Torque(N·m) 扭矩	Power Output(W) 输出功率	Temperature(℃) 温度
720V	72x25"	38%	27129	5.5	3960.0	1318	6.9	24.36	3361.9	/
		40%	29911	6.3	4564.8	1385	6.6	26.90	3901.2	
		42%	32743	7.2	5205.6	1451	6.3	29.48	4479.1	
		44%	35609	8.2	5882.4	1514	6.1	32.09	5087.4	
		46%	38493	9.1	6580.8	1575	5.8	34.69	5721.1	
		48%	41381	10.2	7308.0	1634	5.7	37.29	6380.3	
		50%	44261	11.2	8049.6	1691	5.5	39.87	7059.7	
		52%	47123	12.2	8812.8	1746	5.3	42.41	7753.7	
		54%	49956	13.3	9590.4	1800	5.2	44.92	8466.6	
		56%	52752	14.4	10382.4	1851	5.1	47.39	9185.2	
		58%	55504	15.5	11181.6	1901	5.0	49.81	9915.1	
		60%	58206	16.7	12002.4	1949	4.8	52.20	10653.2	
		62%	60851	17.8	12823.2	1995	4.7	54.53	11391.3	
		64%	63435	19.0	13651.2	2038	4.6	56.82	12125.6	
		66%	65953	20.1	14479.2	2079	4.6	59.06	12857.1	
		68%	68401	21.3	15307.2	2118	4.5	61.23	13579.6	
		70%	70776	22.4	16128.0	2154	4.4	63.35	14288.6	
		72%	73074	23.5	16941.6	2187	4.3	65.39	14974.7	
		76%	77426	25.7	18496.8	2246	4.2	69.25	16286.4	
		80%	81428	27.7	19944.0	2294	4.1	72.74	17472.8	
		85%	85888	29.9	21520.8	2339	4.0	76.51	18738.9	
		100%	94526	33.7	24278.4	2395	3.9	83.04	20825.2	

720V共轴负载性能参数

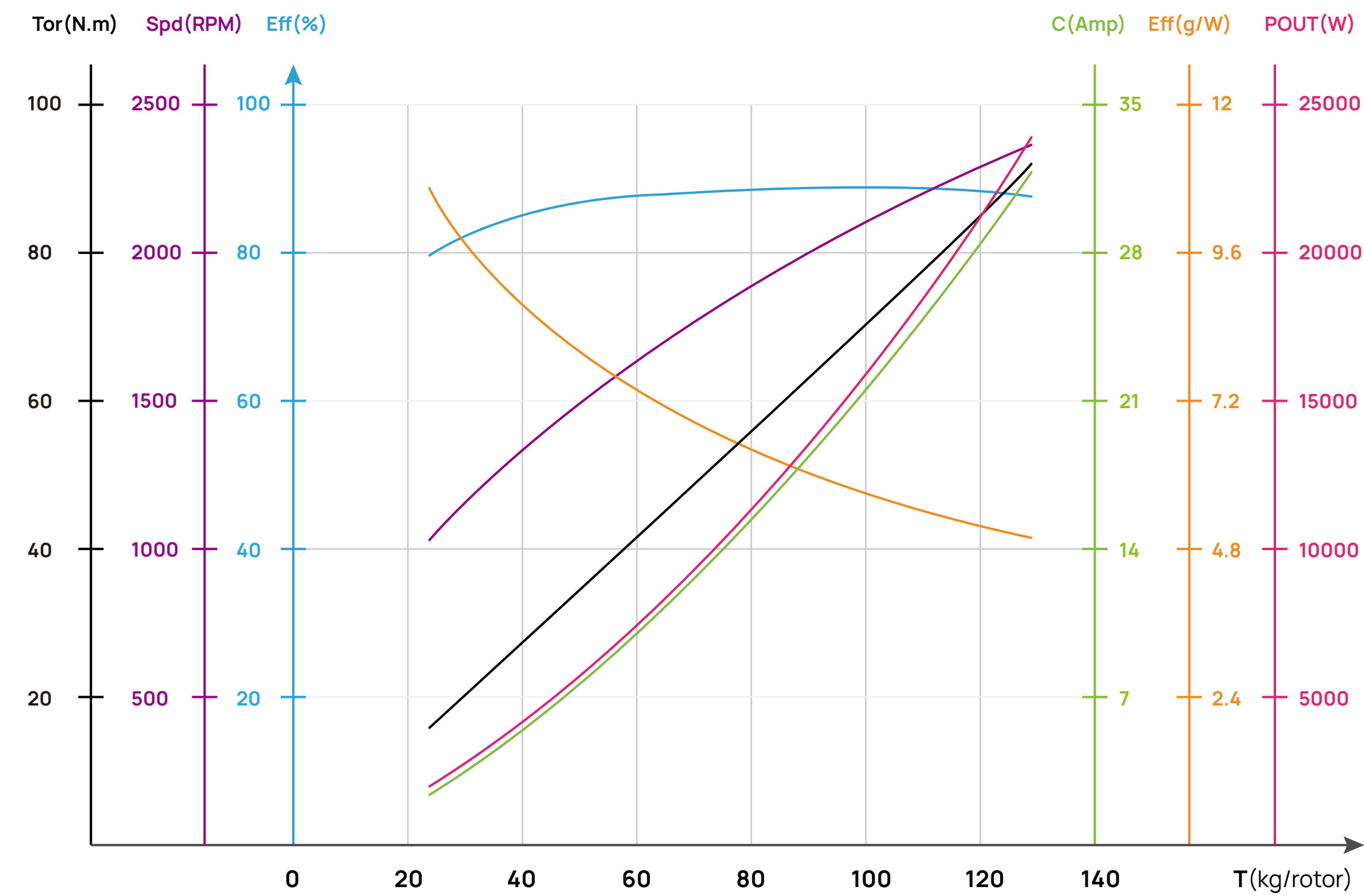
720V Load Performance Parameters of Coaxial



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Efficiency(%) 效率	Efficiency(g/W) 力效	Power Output(W) 输出功率	Temperature(°C) 温度
720V	72x25"	38%	65722	11.5	8272.8	85.35	7.9	7060.8	/
		40%	72482	13.3	9540.0	85.88	7.6	8193.0	
		42%	79355	15.1	10893.6	86.35	7.3	9406.6	
		44%	86336	17.1	12319.2	86.79	7.0	10691.8	
		46%	93415	19.2	13802.4	87.20	6.8	12035.7	
		48%	100578	21.3	15350.4	87.58	6.6	13443.9	
		50%	107804	23.6	16956.0	87.93	6.4	14909.4	
		52%	115073	25.9	18619.2	88.23	6.2	16427.7	
		54%	122357	28.2	20332.8	88.49	6.0	17992.5	
		56%	129629	30.7	22096.8	88.69	5.9	19597.7	
		58%	136858	33.2	23911.2	88.83	5.7	21240.3	
		60%	144010	35.8	25761.6	88.92	5.6	22907.2	
		62%	151051	38.4	27655.2	88.95	5.5	24599.3	
		64%	157947	41.1	29577.6	88.93	5.3	26303.4	
		66%	164659	43.8	31507.2	88.88	5.2	28003.6	
		68%	171154	46.4	33429.6	88.78	5.1	29678.8	
		70%	177393	49.1	35330.4	88.67	5.0	31327.5	
		72%	183342	51.7	37188.0	88.53	4.9	32922.5	
		76%	194235	56.5	40658.4	88.21	4.8	35864.8	
		80%	203576	60.7	43689.6	87.86	4.7	38385.7	
		85%	212748	64.8	46656.0	87.45	4.6	40800.7	
		100%	222056	68.9	49608.0	86.84	4.5	43079.6	

780V上轴负载性能参数

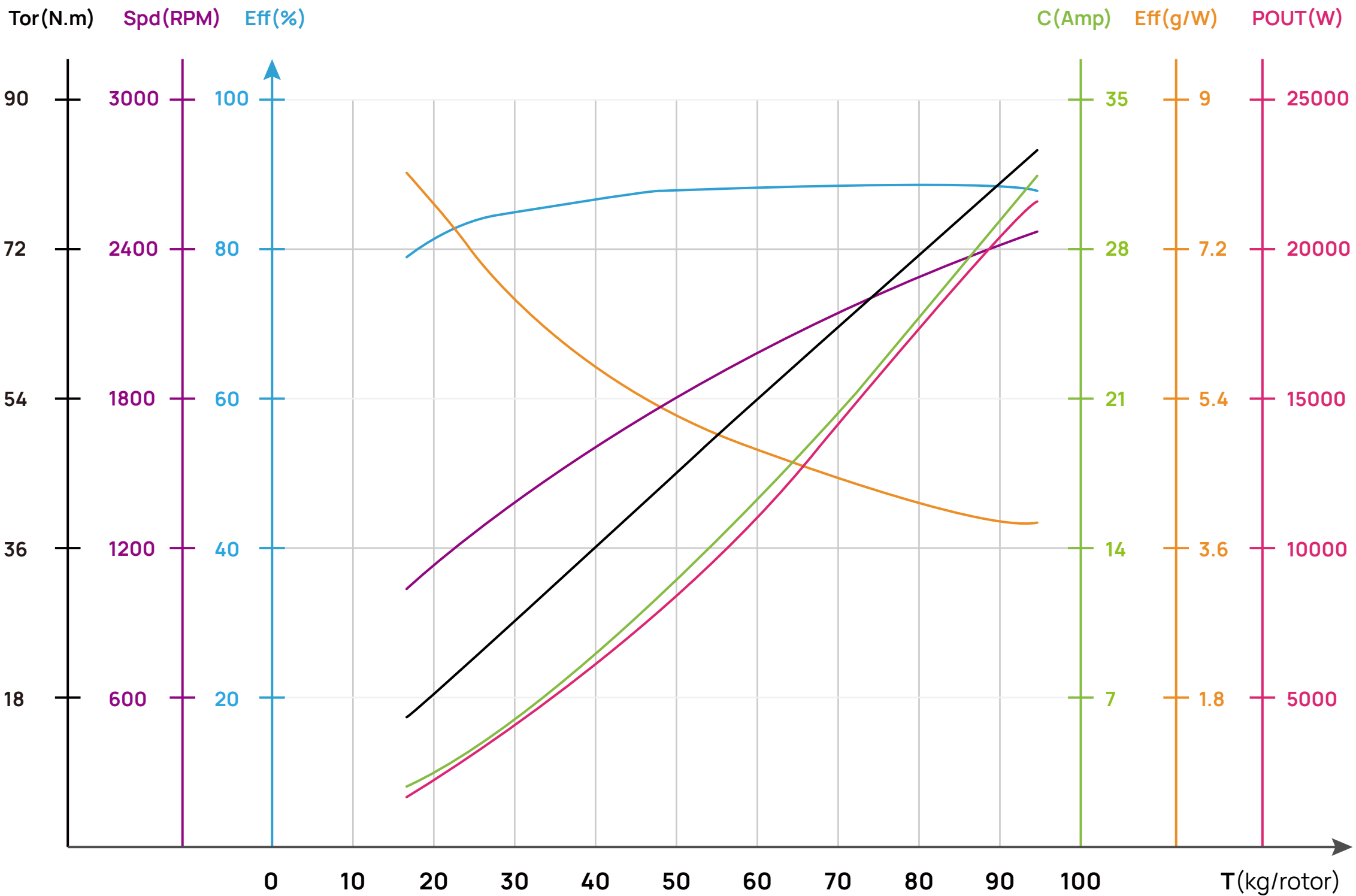
780V Load Performance Parameters of Upper Rotor of Coaxial



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Torque(N·m) 扭矩	Power Output(W) 输出功率	Temperature(℃) 温度
780V	72x25"	38%	38470	5.6	4383.6	1323	8.8	26.86	3721.0	/
		40%	42410	6.4	5023.2	1388	8.4	29.60	4302.1	
		42%	46409	7.3	5701.8	1450	8.1	32.38	4916.3	
		44%	50484	8.2	6427.2	1511	7.9	35.22	5572.5	
		46%	54645	9.2	7199.4	1570	7.6	38.13	6268.5	
		48%	58895	10.3	8010.6	1628	7.4	41.10	7006.4	
		50%	63229	11.4	8876.4	1684	7.1	44.15	7785.2	
		52%	67635	12.6	9789.0	1740	6.9	47.25	8608.9	
		54%	72099	13.8	10748.4	1794	6.7	50.40	9467.8	
		56%	76598	15.1	11746.8	1847	6.5	53.59	10364.5	
		58%	81107	16.4	12776.4	1898	6.3	56.79	11286.6	
		60%	85598	17.7	13837.2	1948	6.2	59.99	12236.7	
		62%	90039	19.1	14913.6	1997	6.0	63.17	13209.5	
		64%	94397	20.5	16005.6	2043	5.9	66.29	14181.2	
		66%	98636	21.9	17097.6	2087	5.8	69.34	15153.1	
		68%	102722	23.3	18181.8	2128	5.6	72.29	16108.2	
		70%	106618	24.7	19242.6	2167	5.5	75.12	17045.6	
		72%	110289	26.0	20264.4	2202	5.4	77.79	17936.5	
		76%	116827	28.4	22159.8	2263	5.3	82.59	19570.8	
		80%	122096	30.5	23751.0	2308	5.1	86.49	20902.5	
		85%	126626	32.3	25170.6	2344	5.0	89.87	22058.1	
		100%	128861	33.2	25888.2	2361	5.0	91.55	22633.5	

780V下轴负载性能参数

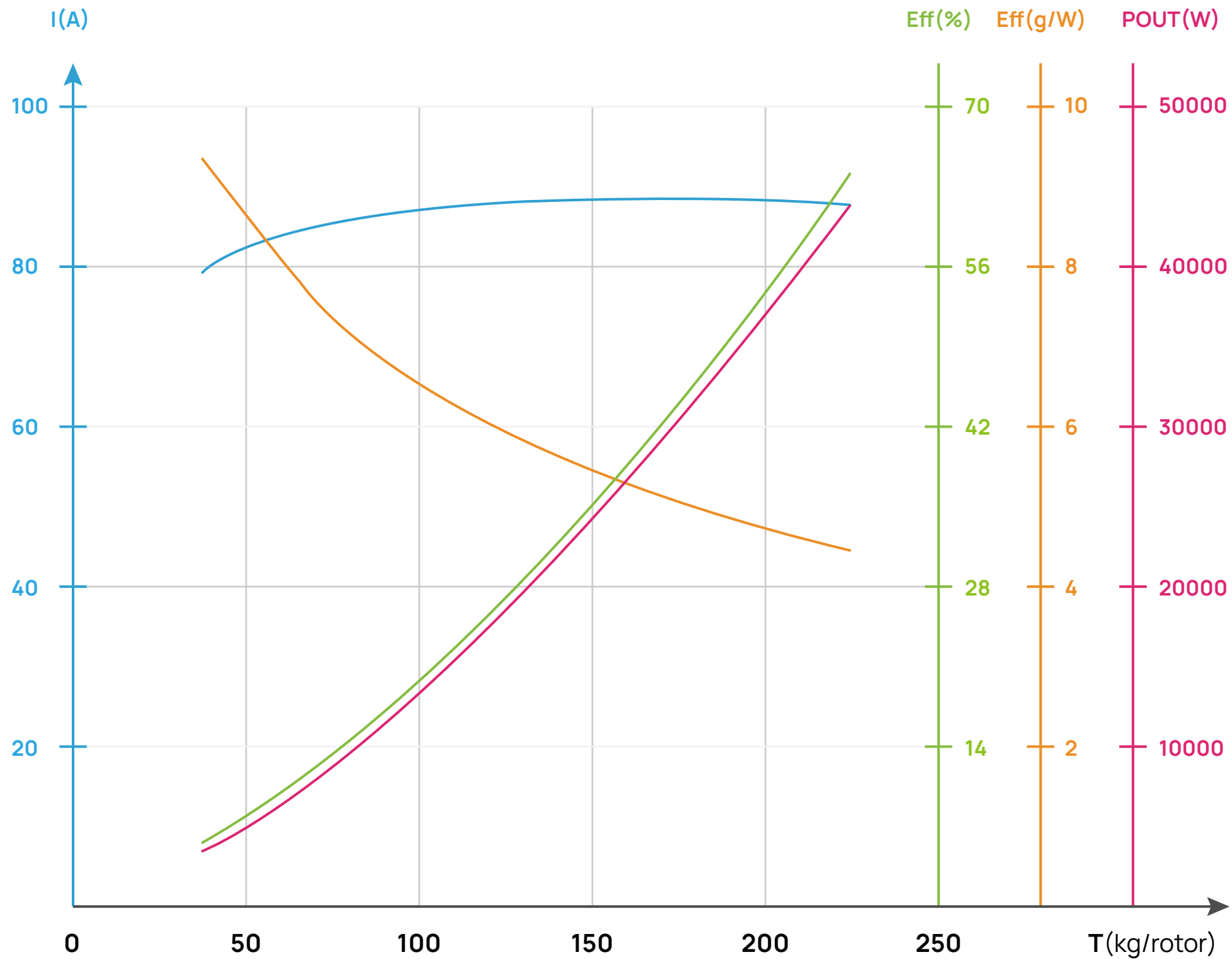
780V Load Performance Parameters of Bottom Rotor of Coaxial



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Torque(N·m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 温度
780V	72x25"	38%	27463	5.2	4024.8	1312	6.8	24.62	3382.3	/
		40%	30321	6.0	4648.8	1382	6.5	27.20	3936.2	
		42%	33232	6.8	5319.6	1450	6.2	29.83	4529.2	
		44%	36169	7.7	6021.6	1516	6.0	32.48	5156.0	
		46%	39111	8.7	6747.0	1579	5.8	35.14	5810.1	
		48%	42039	9.6	7488.0	1639	5.6	37.78	6483.9	
		50%	44939	10.6	8244.6	1696	5.5	40.38	7171.1	
		52%	47800	11.6	9009.0	1751	5.3	42.95	7874.9	
		54%	50612	12.6	9789.0	1803	5.2	45.47	8584.5	
		56%	53371	13.6	10576.8	1853	5.0	47.94	9301.9	
		58%	56073	14.6	11372.4	1901	4.9	50.35	10022.5	
		60%	58715	15.6	12168.0	1947	4.8	52.71	10746.2	
		62%	61296	16.6	12979.2	1991	4.7	55.01	11468.6	
		64%	63816	17.7	13782.6	2034	4.6	57.25	12193.4	
		66%	66277	18.7	14601.6	2076	4.5	59.43	12919.0	
		68%	68678	19.8	15412.8	2116	4.5	61.56	13639.9	
		70%	71021	20.8	16224.0	2154	4.4	63.63	14351.7	
		72%	73305	21.8	17027.4	2191	4.3	65.64	15059.4	
		76%	77692	23.9	18603.0	2260	4.2	69.48	16442.4	
		80%	81812	25.8	20108.4	2321	4.1	73.05	17753.8	
		85%	86490	27.9	21785.4	2382	4.0	77.01	19208.1	
		100%	94396	31.2	24367.2	2456	3.9	83.38	21443.1	

780V共轴负载性能参数

780V Load Performance Parameters of Coaxial



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Efficiency(%) 效率	Efficiency(g/W) 力效	Power Output(W) 输出功率	Temperature(°C) 温度
780V	72x25"	38%	65933	10.8	8408.4	84.48	7.8	7103.4	/
		40%	72731	12.4	9679.8	85.14	7.5	8241.4	
		42%	79641	14.1	11021.4	85.71	7.2	9446.4	
		44%	86654	16.0	12448.8	86.21	7.0	10732.1	
		46%	93757	17.9	13938.6	86.65	6.7	12077.8	
		48%	100934	19.9	15498.6	87.03	6.5	13488.4	
		50%	108168	22.0	17121.0	87.37	6.3	14958.6	
		52%	115435	24.1	18805.8	87.66	6.1	16485.2	
		54%	122711	26.3	20537.4	87.90	6.0	18052.4	
		56%	129969	28.6	22323.6	88.10	5.8	19667.1	
		58%	137180	31.0	24148.8	88.26	5.7	21313.7	
		60%	144313	33.3	26005.2	88.39	5.5	22986.0	
		62%	151335	35.8	27892.8	88.48	5.4	24679.5	
		64%	158213	38.2	29796.0	88.54	5.3	26381.4	
		66%	164913	40.6	31699.2	88.57	5.2	28076.0	
		68%	171400	43.1	33594.6	88.57	5.1	29754.7	
		70%	177638	45.5	35466.6	88.55	5.0	31405.7	
		72%	183594	47.8	37291.8	88.50	4.9	33003.2	
		76%	194519	52.3	40762.8	88.35	4.8	36013.9	
		80%	203908	56.2	43851.6	88.14	4.6	38650.8	
		85%	213116	60.2	46956.0	87.90	4.5	41274.3	
		100%	221745	63.8	49787.4	87.76	4.5	43693.4	