



LOAD PERFORMANCE PARAMETERS

负载性能参数

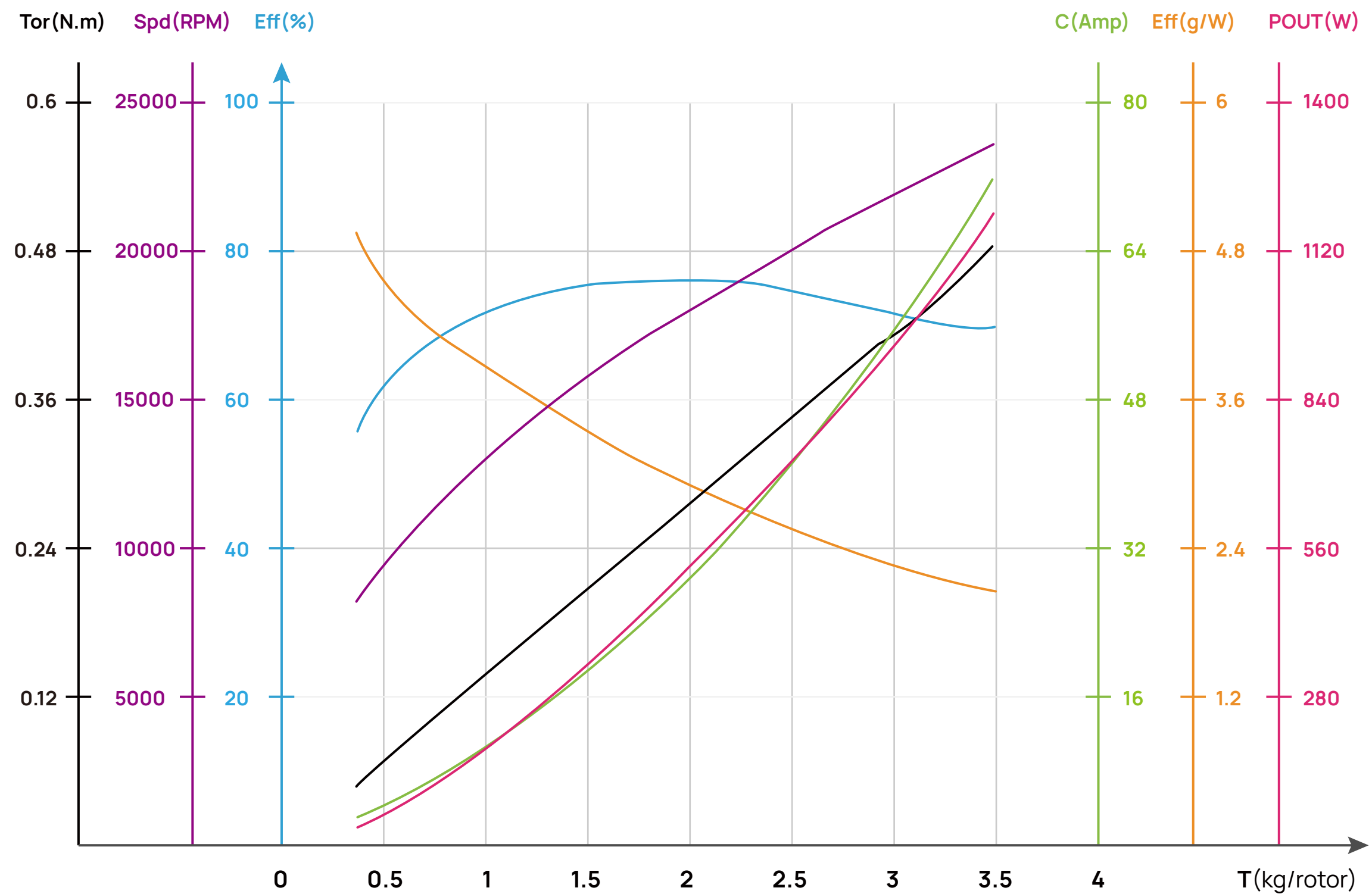
以下数据为好盈实验室于室温25°C、海平面高度，变化油门输入调节测得。电机外壳温度为1.2倍额定拉力下油门运行10分钟数据，仅供参考。

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

The motor housing temperature is measured after running for 10 minutes at 1.2 times rated thrust , for reference only.

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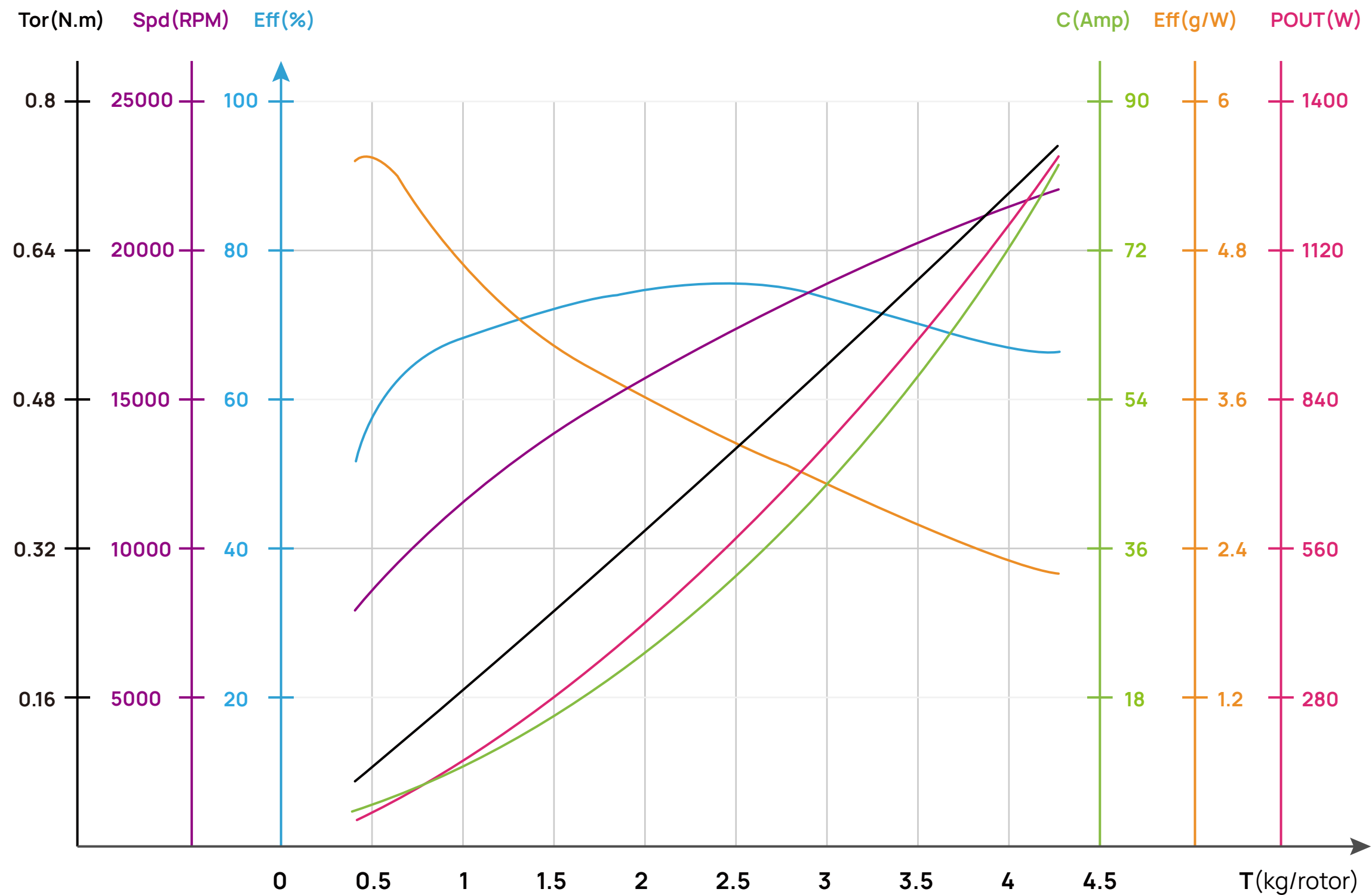
XRotor 3110 PRO 1250KV Load Performance Parameters



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	Recommended full load continuous running time 推荐满载满油门连续运行时间
24V (6S LiPo)	HQ7X4X3 Propeller	33%	429	3.8	91.3	8869	4.7	0.06	53.9	30s
		35%	485	4.4	106.5	9379	4.6	0.07	65.3	
		37%	549	5.2	124.0	9926	4.4	0.08	78.8	
		39%	619	6.0	143.6	10490	4.3	0.09	94.1	
		42%	732	7.4	176.5	11336	4.2	0.10	120.2	
		45%	854	8.9	213.2	12158	4.0	0.12	149.6	
		48%	980	10.6	253.7	12944	3.9	0.13	182.0	
		51%	1110	12.4	297.9	13694	3.7	0.15	217.4	
		54%	1242	14.4	346.0	14413	3.6	0.17	255.7	
		57%	1376	16.6	398.1	15107	3.5	0.19	297.2	
		60%	1512	19.0	454.7	15784	3.3	0.21	342.0	
		63%	1650	21.5	516.0	16449	3.2	0.23	390.4	
		66%	1791	24.3	582.7	17108	3.1	0.25	442.4	
		69%	1936	27.3	655.2	17762	3.0	0.27	498.2	
		72%	2085	30.6	734.2	18413	2.8	0.29	557.5	
		75%	2238	34.2	819.9	19056	2.7	0.31	620.1	
		78%	2395	38.1	912.8	19688	2.6	0.33	685.3	
		81%	2556	42.2	1012.7	20303	2.5	0.35	752.4	
		84%	2719	46.7	1119.1	20893	2.4	0.38	820.6	
		87%	2883	51.3	1231.0	21455	2.3	0.40	889.3	
		90%	3044	56.2	1346.3	21989	2.3	0.42	958.3	
		100%	3505	71.2	1706.7	23564	2.1	0.48	1186.5	

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24V (6S LiPo)	HQ8x4x3 Propeller	33%	542	4.1	98.2	8648	5.5	0.06	57.3	16s
		35%	622	4.8	114.8	9186	5.4	0.07	70.6	
		37%	703	5.6	133.5	9706	5.3	0.08	85.0	
		39%	786	6.4	154.2	10210	5.1	0.09	100.6	
		42%	915	7.9	188.9	10943	4.8	0.11	126.5	
		45%	1050	9.5	228.0	11654	4.6	0.13	155.7	
		48%	1192	11.3	271.4	12348	4.4	0.15	188.5	
		51%	1341	13.3	319.3	13030	4.2	0.17	225.2	
		54%	1497	15.5	371.6	13702	4.0	0.19	266.2	
		57%	1660	17.9	428.6	14366	3.9	0.21	311.5	
		60%	1830	20.5	490.8	15024	3.7	0.23	361.5	
		63%	2007	23.3	558.6	15675	3.6	0.25	415.9	
		66%	2189	26.4	632.8	16317	3.5	0.28	474.8	
		69%	2376	29.8	714.4	16949	3.3	0.30	537.6	
		72%	2567	33.5	804.3	17565	3.2	0.33	604.0	
		75%	2760	37.7	903.2	18160	3.1	0.35	673.2	
		78%	2955	42.2	1011.8	18730	2.9	0.38	744.6	
		81%	3149	47.1	1129.8	19270	2.8	0.41	817.5	
		84%	3341	52.4	1256.5	19777	2.7	0.43	891.4	
		87%	3530	58.0	1390.0	20252	2.5	0.46	965.9	
		90%	3713	63.7	1527.8	20695	2.4	0.48	1041.0	
		100%	4255	82.1	1969.3	21999	2.2	0.56	1295.2	