

Test Report

Type	Propeller	Throttle	Voltage (V)	Thrust (g)	Torque (N*m)	Current (A)	RPM	Power (W)	Efficiency (g/W)	Operating Temperature (°C)
MN601S KV170	T-MOTOR P20*6	40%	47.96	1414	0.33	2.70	3272	129	10.92	67.5 (Ambient Temperature :34.5°C)
		42%	47.95	1530	0.36	3.00	3389	144	10.64	
		44%	47.94	1620	0.39	3.30	3506	158	10.24	
		46%	47.93	1736	0.41	3.60	3624	173	10.06	
		48%	47.92	1879	0.43	4.00	3753	192	9.80	
		50%	47.90	1957	0.46	4.30	3851	206	9.50	
		52%	47.89	2151	0.48	4.80	3994	230	9.36	
		54%	47.88	2258	0.51	5.20	4121	249	9.07	
		56%	47.85	2388	0.54	5.60	4225	268	8.91	
		58%	47.84	2459	0.55	5.80	4228	277	8.86	
		60%	47.82	2540	0.59	6.20	4362	296	8.57	
		62%	47.81	2683	0.61	6.70	4481	320	8.38	
		64%	47.79	2819	0.64	7.10	4589	339	8.31	
		66%	47.76	2948	0.66	7.50	4690	358	8.23	
		68%	47.74	3115	0.70	8.30	4791	396	7.86	
		70%	47.73	3277	0.72	8.90	4923	425	7.71	
		75%	47.67	3572	0.80	10.10	5144	481	7.42	
		80%	47.62	3932	0.88	11.70	5395	557	7.06	
90%	47.48	4751	1.07	15.40	5901	731	6.50			
100%	47.34	5809	1.27	20.70	6482	980	5.93			

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MN601S KV170	T-MOTOR P21*6.3	40%	48.00	1677	0.40	3.10	3272	149	11.27	85 (Ambient Temperature :34.5°C)
		42%	47.98	1774	0.42	3.50	3389	168	10.56	
		44%	47.97	1966	0.45	4.00	3506	192	10.25	
		46%	47.96	2062	0.49	4.30	3624	206	10.00	
		48%	47.94	2182	0.51	4.60	3753	221	9.89	
		50%	47.92	2307	0.54	5.10	3851	244	9.44	
		52%	47.91	2463	0.58	5.50	3994	264	9.35	
		54%	47.88	2624	0.61	6.00	4121	287	9.13	
		56%	47.86	2726	0.64	6.60	4225	316	8.63	
		58%	47.85	2912	0.69	7.10	4228	340	8.57	
		60%	47.82	3027	0.68	7.50	4362	359	8.44	
		62%	47.81	3165	0.73	8.00	4481	382	8.27	
		64%	47.78	3366	0.77	8.80	4589	420	8.01	
		66%	47.75	3485	0.80	9.30	4690	444	7.85	
		68%	47.73	3641	0.84	9.80	4791	468	7.78	
		70%	47.70	3799	0.88	10.40	4923	496	7.66	
		75%	47.63	4186	0.97	12.10	5144	576	7.26	
		80%	47.55	4593	1.06	13.90	5395	661	6.95	
90%	47.38	5412	1.25	18.10	5901	858	6.31			
100%	47.21	6605	1.49	24.70	6482	1166	5.66			