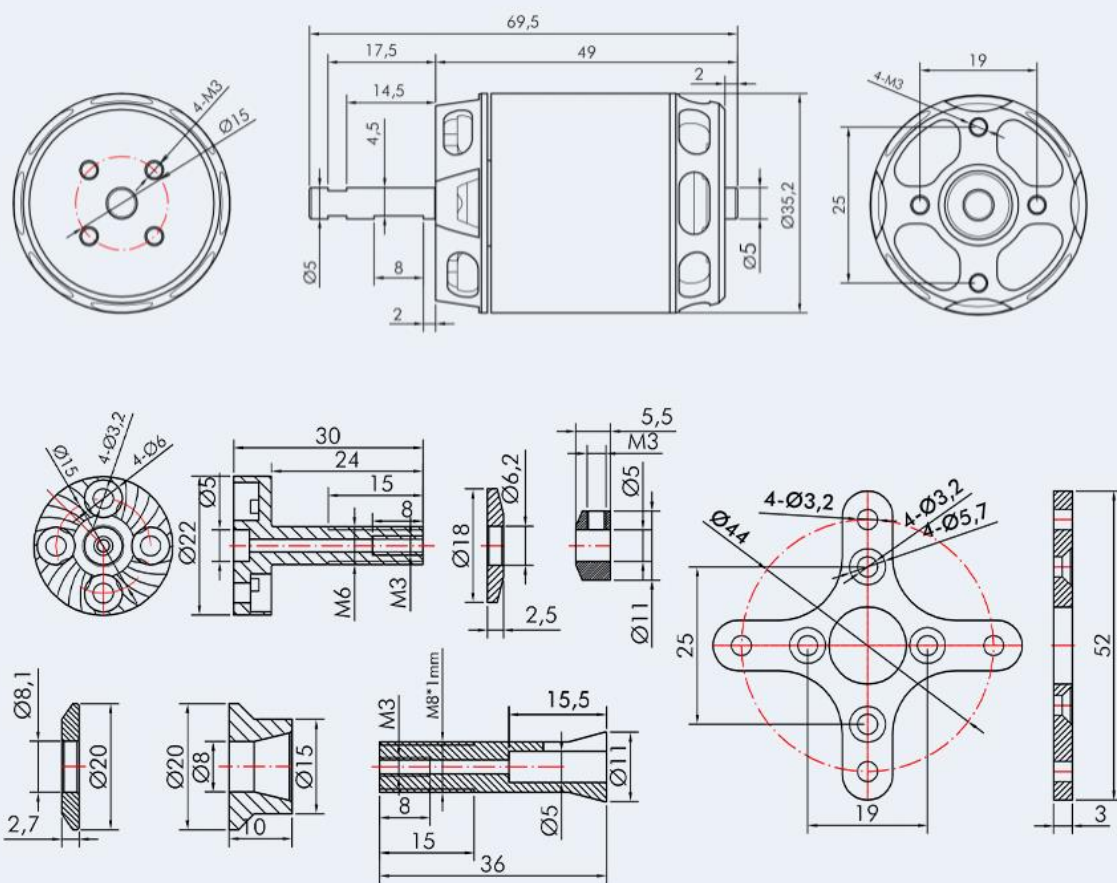


T-Motor AT2826

Product Drawing



Specifications

Test Item	Long Shaft KV900	Weight (Incl. Cable)	175g
Motor Dimensions	Φ35.2*69.5mm	Internal Resistance	24mΩ
Lead	Enameled Wire 100mm	Configuration	12N14P
Shaft Diameter	IN: 5mm OUT: 5mm	Rated Voltage(Lipo)	3-4S
Idle Current(10V)	2.2A	Peak Current(180s)	57A
Max. Power(180s)	820W	Recommendation	/
Test Item	Long Shaft KV1100	Weight (Incl. Cable)	175g
Motor Dimensions	Φ35.2*69.5mm	Internal Resistance	110mΩ
Lead	Enameled Wire 100mm	Configuration	12N14P
Shaft Diameter	IN: 5mm OUT: 5mm	Rated Voltage(Lipo)	3-4S
Idle Current(10V)	2.9A	Peak Current(180s)	59A
Max. Power(180s)	1100W	Recommendation	/

Test Report

Type	Propeller	Throttle	Voltage (V)	Current (A)	Power (W)	RPM	Torque (N*m)	Thrust (g)	Efficiency (g/W)	Operating Temperature (°C)
AT2826	APC 12*6	40%	15.11	11.43	172.61	6258	0.188	1117	6.47	98 (Ambient Temperature:)
		45%	15.07	13.63	205.47	6634	0.213	1272	6.19	
		50%	15.03	15.68	235.81	6950	0.236	1406	5.96	
		55%	15.00	17.71	265.69	7263	0.256	1528	5.75	
		60%	14.97	19.84	296.86	7509	0.281	1670	5.63	
		65%	14.93	21.92	327.20	7782	0.300	1779	5.44	
		70%	14.88	24.53	365.16	8080	0.323	1933	5.29	
		75%	14.82	28.51	422.43	8468	0.370	2155	5.10	
		80%	14.74	33.36	491.67	8879	0.411	2397	4.87	
		90%	14.58	42.72	622.90	9556	0.489	2810	4.51	
	100%	14.50	47.28	685.84	9798	0.524	2992	4.36		
	APC 13*6.5	40%	15.10	12.19	183.97	5611	0.216	1216	6.61	HOT
		45%	15.05	14.84	223.29	6012	0.247	1388	6.22	
		50%	15.01	17.32	259.98	6345	0.276	1541	5.93	
		55%	14.97	19.81	296.47	6638	0.304	1698	5.73	
		60%	14.91	22.84	340.67	6948	0.338	1885	5.53	
		65%	14.85	26.58	394.75	7297	0.376	2091	5.30	
		70%	14.79	30.38	449.24	7656	0.415	2291	5.10	
		75%	14.71	34.95	514.23	8000	0.456	2513	4.89	
		80%	14.63	39.79	582.14	8325	0.510	2745	4.71	
90%		14.44	51.45	743.02	8953	0.594	3212	4.32		
100%	14.35	57.16	820.02	9183	0.637	3409	4.16			

Continued below

Long Shaft KV900	Propeller	Throttle	Voltage (V)	Current (A)	Power (W)	RPM	Torque (N*m)	Thrust (g)	Efficiency (g/W)	Operating Temperature (°C)
APC 14*7	40%	11.36	8.96	101.76	4170	0.157	826	8.11	87 (Ambient Temperature:/)	
	45%	11.33	10.62	120.33	4435	0.179	943	7.84		
	50%	11.29	12.63	142.61	4709	0.202	1061	7.44		
	55%	11.26	14.76	166.16	4952	0.227	1189	7.16		
	60%	11.23	16.66	187.02	5173	0.249	1298	6.94		
	65%	11.18	19.33	216.15	5457	0.278	1444	6.68		
	70%	11.13	22.74	252.95	5738	0.313	1624	6.42		
	75%	11.06	26.62	294.42	6067	0.349	1798	6.11		
	80%	10.99	30.69	337.39	6338	0.385	1971	5.84		
	90%	10.82	41.07	444.58	6906	0.466	2350	5.29		
100%	10.77	44.15	475.59	7048	0.488	2447	5.14			
APC 15*8	40%	11.34	8.92	101.10	3745	0.188	921	9.11	HOT	
	45%	11.31	10.56	119.50	3949	0.210	1030	8.62		
	50%	11.28	12.69	143.14	4182	0.239	1168	8.16		
	55%	11.23	15.35	172.38	4465	0.269	1328	7.70		
	60%	11.17	19.17	214.08	4805	0.312	1534	7.17		
	65%	11.10	23.09	256.38	5095	0.354	1730	6.75		
	70%	11.04	27.02	298.20	5372	0.393	1914	6.42		
	75%	10.95	32.45	355.28	5650	0.441	2140	6.02		
	80%	10.88	36.74	399.67	5879	0.476	2317	5.80		
	90%	10.71	46.75	500.90	6277	0.557	2680	5.35		
100%	10.63	51.81	550.80	6424	0.592	2844	5.16			

Note: Motor temperature is motor surface temperature @100% throttle running 10mins.
(Date above based on benchtest are for reference only, comparison with that of other motor types is not recommended.)

Long Shaft KV1100	Propeller	Throttle	Voltage (V)	Current (A)	Power (W)	RPM	Torque (N*m)	Thrust (g)	Efficiency (g/W)	Operating Temperature (°C)
AT2826 Long Shaft KV1100	APC 12*6	40%	11.28	13.27	149.72	5858	0.162	978	6.53	86 (Ambient Temperature:/)
		45%	11.24	15.55	174.83	6211	0.182	1094	6.26	
		50%	11.20	18.01	201.81	6507	0.205	1228	6.09	
		55%	11.17	20.15	225.04	6799	0.224	1329	5.91	
		60%	11.13	22.60	251.45	7036	0.245	1457	5.79	
		65%	11.09	24.78	274.73	7242	0.262	1559	5.68	
		70%	11.05	27.21	300.54	7478	0.281	1663	5.53	
		75%	10.99	30.65	336.94	7806	0.308	1826	5.42	
		80%	10.91	35.65	388.97	8206	0.344	2028	5.21	
		90%	10.76	45.19	486.11	8837	0.406	2363	4.86	
100%	10.67	50.12	535.03	9037	0.435	2531	4.73			
APC 13*6.5	40%	11.27	14.15	159.46	5279	0.188	1053	6.60	HOT	
	45%	11.22	16.89	189.50	5621	0.213	1197	6.32		
	50%	11.18	19.58	218.84	5915	0.238	1337	6.11		
	55%	11.13	22.69	252.39	6220	0.265	1482	5.87		
	60%	11.09	24.86	275.62	6409	0.284	1585	5.75		
	65%	11.03	28.58	315.17	6726	0.314	1751	5.55		
	70%	10.96	32.83	359.69	7051	0.346	1922	5.34		
	75%	10.89	37.14	404.41	7358	0.378	2095	5.18		
	80%	10.80	42.24	456.37	7672	0.413	2285	5.01		
	90%	10.61	53.95	572.57	8207	0.488	2675	4.67		
100%	10.53	59.09	622.02	8415	0.511	2810	4.52			

Note: Motor temperature is motor surface temperature @100% throttle running 10mins.
(Date above based on benchtest are for reference only, comparison with that of other motor types is not recommended.)

Contents



Motorx1



Parts Bagx1

(AT28Series V2.0-Aluminum Washerφ6.1*16*2.5mm*1, Prop adapter φ22*30mm-M6*1, Washer (Non-slip design)18*6.2*2.5mm *1, M6 Nut*1, Cup-head set screwM3*6mm*4, Motor baseφ20*10mm*1, 5 to 8 Collet-style prop adapterφ11*36mm*1, Washer (Non-slip design)20*8.1*2.7mm *1, M8 Thin Nut (Stainless Steel)M8*1*4mm *2, C-Clipsφ9*4*3.5mm*1, Hexagon set screwM3*4mm*1, Cross style motor mount25*19*3MM*1, Mount screwsM3*6mm*4)

Please check that your package contains all the above items before use, If something is missing, please contact online customer service or leave message to onsales@rctigermotor.com