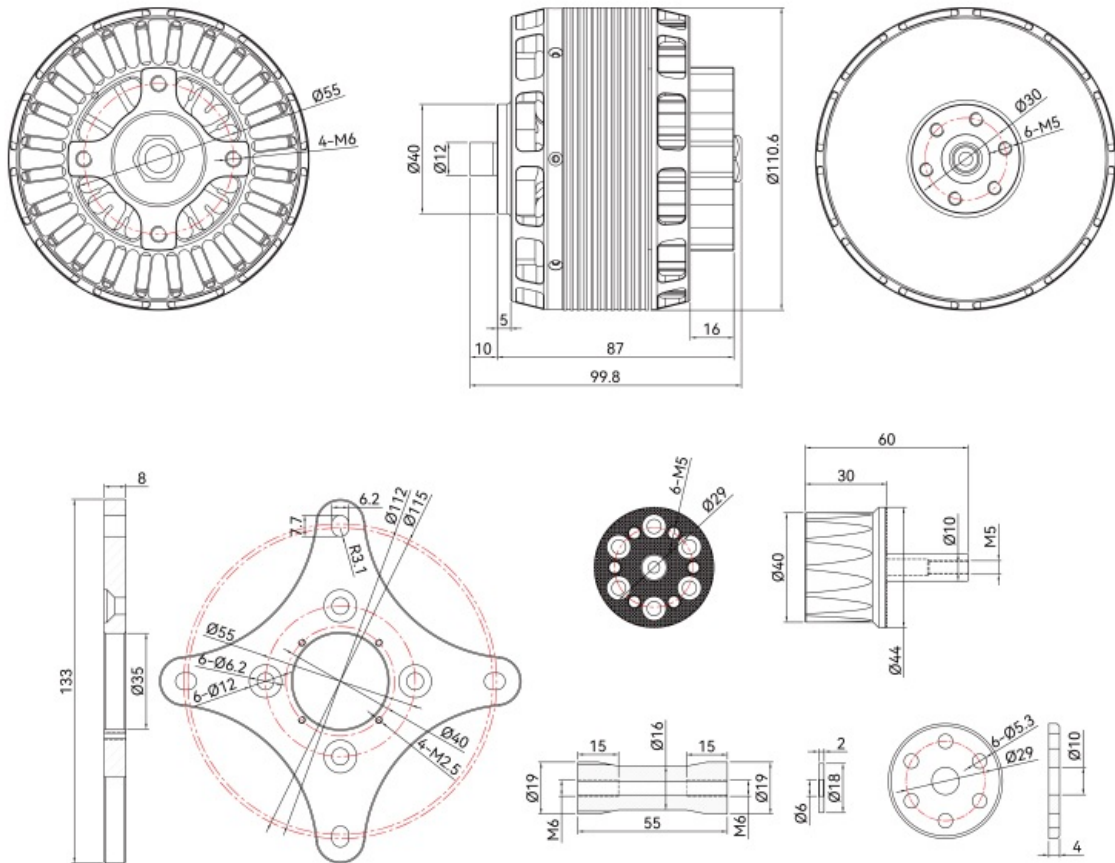




Specification

Type	AT1030	Magnet Temperature Resistance Grade		180°C	
Motor Dimension	Φ110.6*99.8mm	Lead x Length		Enameled Wire 100mm	
Stator Technology	150°C High Temperature-resisting Coatings	Temperature Resistance Of Enameled Wires		220°C	
Configuration	24N28P	Coil Pressure-resistant		1000V/5s	
Shaft Diameter	IN:15mm OUT:12mm	Dynamic Balance Requirements Standards		≤30mg	
Bearings	6902/6202ZZ Bearings	Packing Size		246*162*139mm	
KV		90	Idle Current (15V)		3.6A
Max. Continuous Power		4000W	Peak Current		93A
Rated Voltage (LiPo)		24S	Internal Resistance		12mΩ
Max Thrust		28kg	Weight (Incl.cable)		1800g

Test Data

Type	Propeller	Throttle (%)	Voltage (V)	Current (A)	Power (W)	RPM	Torque (N·m)	Thrust (g)	Efficiency (g/W)	Operating Temperature (°C)
		40%	88.47	19.48	1723	3954	3.06	8927	5.18	

AT1030 KV90	26*12	45%	88.40	23.95	2117	4272	3.56	10400	4.91	103 (Ambient Temperature: 33°C)
		50%	88.26	32.86	2900	4801	4.53	13202	4.55	
		55%	88.15	39.57	3488	5127	5.22	15096	4.33	
		60%	88.09	42.71	3763	5272	5.52	15999	4.25	
		65%	88.02	47.13	4148	5460	5.95	17229	4.15	
		70%	87.94	52.14	4585	5651	6.41	18583	4.05	
		75%	87.86	57.06	5013	5824	6.86	19867	3.96	
		80%	87.80	61.28	5380	5965	7.26	20990	3.90	
		90%	87.61	72.93	6390	6299	8.25	23911	3.74	
		100%	87.31	92.39	8067	6733	9.75	27938	3.46	
	27*10	40%	88.43	19.62	1735	4043	3.03	9365	5.40	109 (Ambient Temperature: 33°C)
		45%	88.35	23.70	2094	4340	3.51	10856	5.19	
		50%	88.17	35.94	3169	5029	4.81	14816	4.68	
		55%	88.11	39.04	3440	5181	5.13	15812	4.60	
		60%	88.05	42.43	3736	5335	5.47	16830	4.51	
		65%	87.98	46.87	4123	5527	5.91	18146	4.40	
		70%	87.89	51.80	4553	5714	6.36	19478	4.28	
		75%	87.82	56.27	4941	5872	6.77	20688	4.19	
		80%	87.74	60.45	5304	6021	7.17	21843	4.12	
		90%	87.53	73.77	6457	6400	8.27	24970	3.87	
		100%	87.22	91.90	8015	6811	9.66	28638	3.57	
	27*12	40%	88.45	20.68	1829	3877	3.39	9948	5.44	HOT (Ambient Temperature: 33°C)
		45%	88.36	25.56	2259	4188	3.98	11579	5.13	
		50%	88.24	33.47	2953	4620	4.88	14205	4.81	
		55%	88.06	44.42	3911	5080	6.04	17398	4.45	
		60%	87.98	49.06	4316	5260	6.50	18740	4.34	
		65%	87.89	54.24	4767	5439	7.01	20191	4.24	
		70%	87.79	59.86	5256	5618	7.52	21616	4.11	
		75%	87.70	65.39	5735	5784	8.01	23032	4.02	
		80%	87.61	71.18	6236	5943	8.52	24321	3.90	
		90%	87.40	84.54	7389	6261	9.60	27258	3.69	
		100%	87.14	104.67	9122	6674	11.15	29968	3.29	

Notes: Motor temperature is the bell temperature aftering running at 100% for 3 mins.
(Based on T-MOTOR test bench(es), all data are for reference only. T-MOTOR reserves the right of final interpretation.)

Before using this product, please check if all the items listed above are included in the packaging. If there are any missing items, please contact our online customer service or leave message to "onsales@ligpower.com" in time.