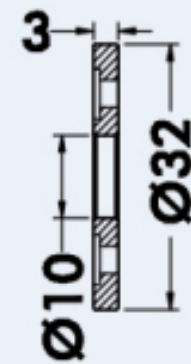
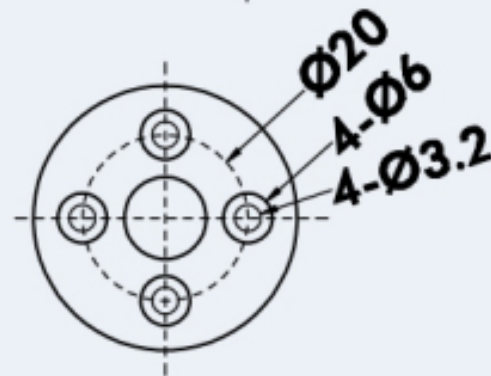
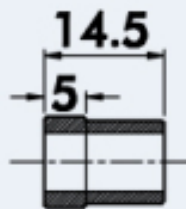
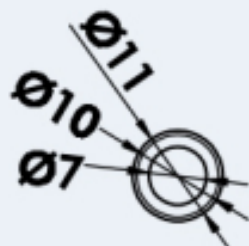
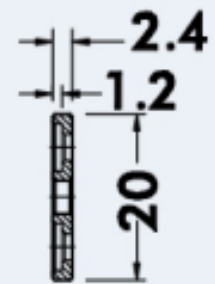
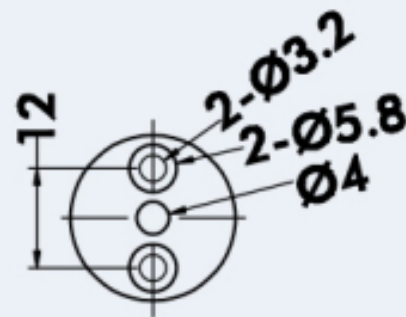
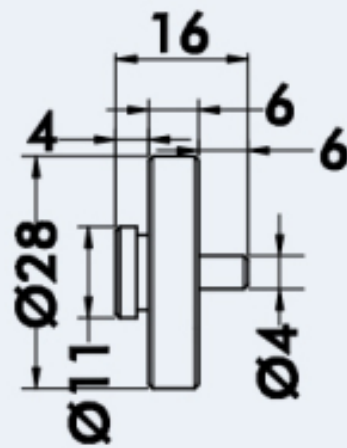
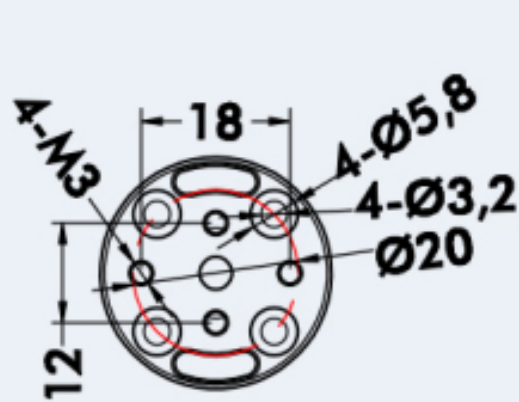
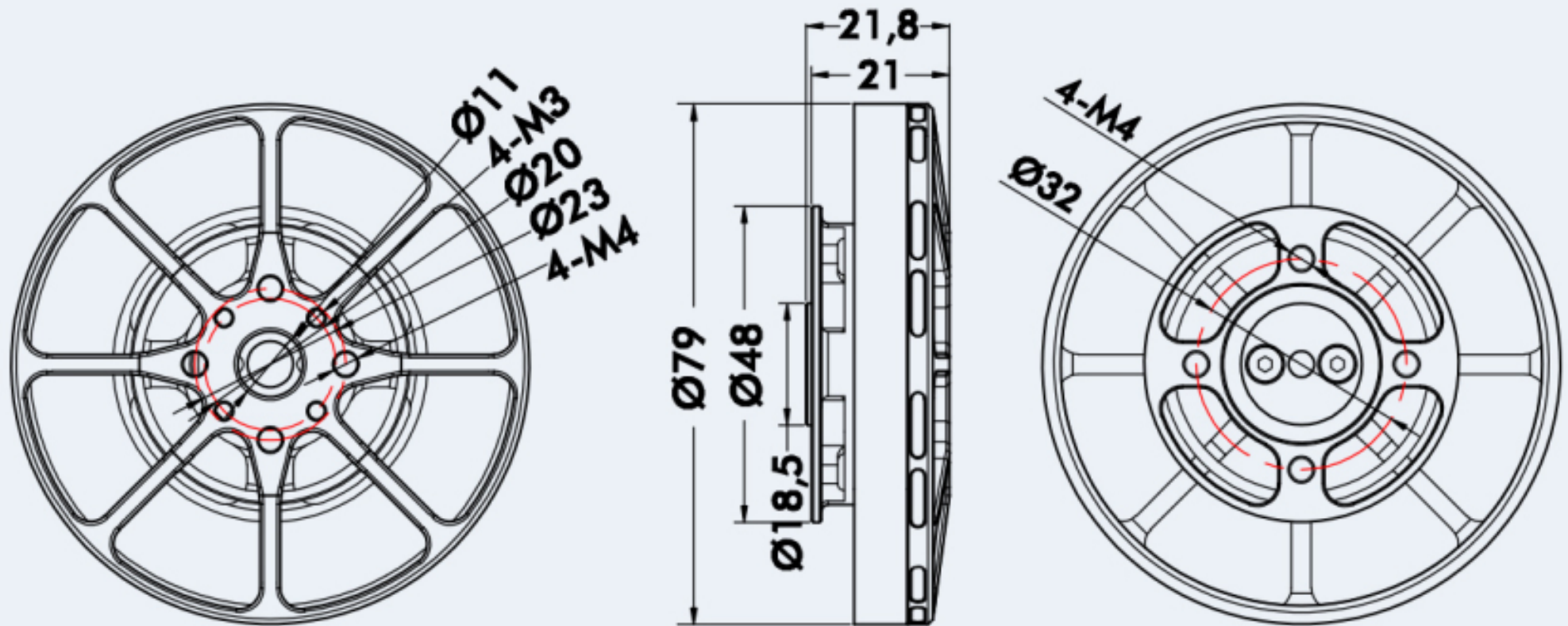


Product Drawing



Specifications

Motor Size	Φ79*21mm
Stator	Imported silicon steel sheet; Anti-rust treatment; 180°C high temperature-resisting coatings
Configuration	24N28P
Shaft Diameter	IN: 15mm
Bearing	Imported 6802ZZ
Magnet Level	150°C high temperature resistance: Level E
Lead Cable	60mm
Copper Wire	180°C high temperature resistance: Level H
Coil Insulation Test	500V
Centrifugal Cooling Design	YES
Rotor Dynamic Balance Standard	≤5mg
Motor Dynamic Balance Standard	≤10mg
Packing Size	144*114.5*35mm

KV	115	Internal Resistance	288mΩ
Idle Current (22V)	0.4A	Rated Voltage (Lipo)	6-12S
Peak Current (180s)	15A	Motor Weight (Incl. Cable)	188g
Max. Power (180s)	750W	Package Weight	320g

KV	230	Internal Resistance	71mΩ
Idle Current (22V)	0.9A	Rated Voltage (Lipo)	6S
Peak Current (180s)	28A	Motor Weight (Incl. Cable)	188g
Max. Power (180s)	700W	Package Weight	320g

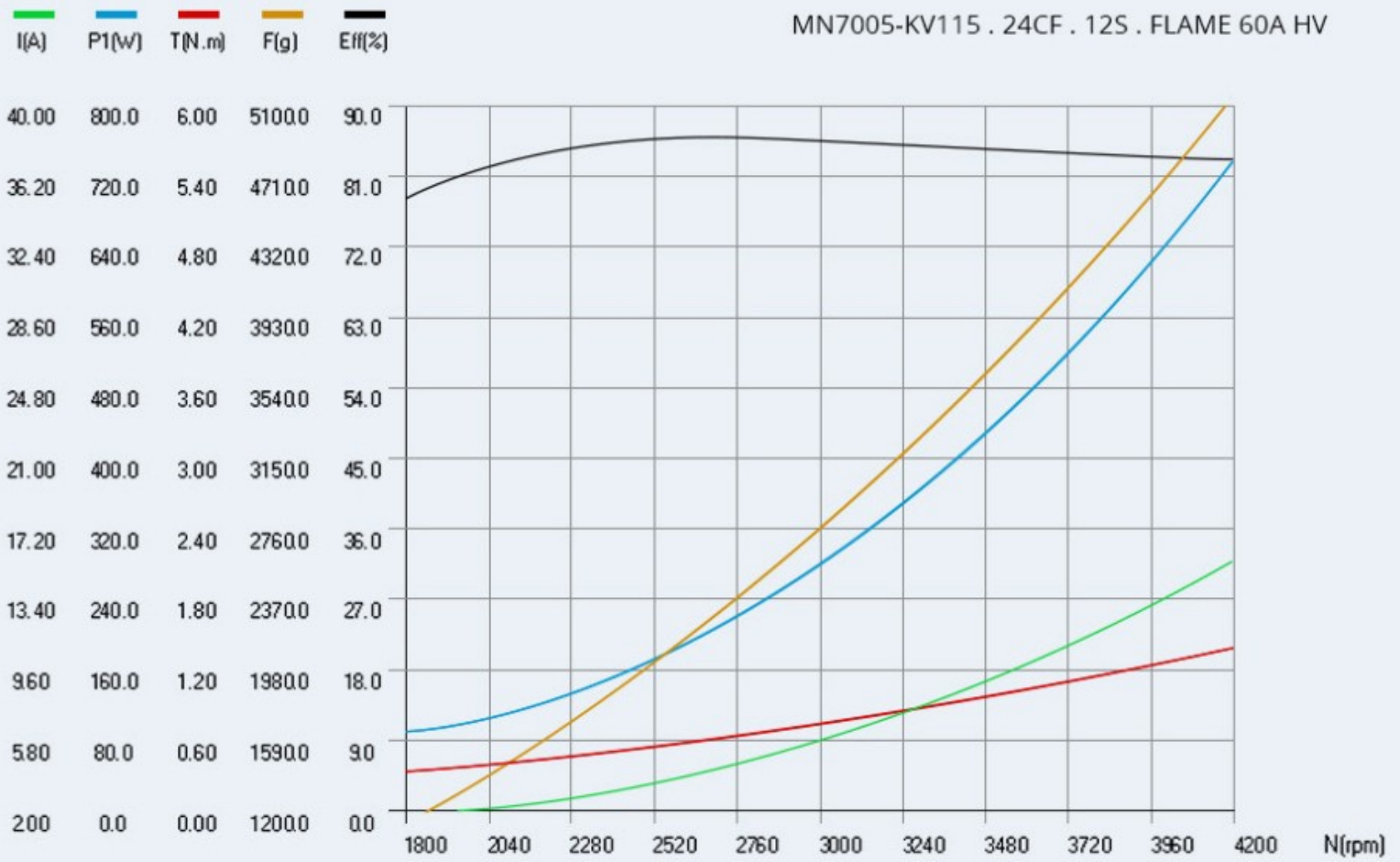
Test Report										
Type	Voltage (V)	Propeller	Throttle	Thrust (g)	Torque (N*m)	Current (A)	RPM	Power (W)	Efficiency (g/W)	Operating Temperature (°C)
MN7005 KV115	48	T-MOTOR P24*7.2" CF	40%	1322	0.38	2.02	1972	97	13.64	66 (Ambient Temperature:20°C)
			42%	1408	0.41	2.19	2032	105	13.4	
			44%	1513	0.44	2.45	2142	117	12.89	
			46%	1606	0.46	2.64	2207	126	12.7	
			48%	1707	0.48	2.88	2284	138	12.4	
			50%	1807	0.51	3.13	2364	150	12.05	
			52%	1947	0.55	3.51	2460	168	11.6	
			54%	2068	0.58	3.82	2542	183	11.3	
			56%	2164	0.6	4.05	2606	194	11.16	
			58%	2280	0.64	4.39	2699	210	10.87	
			60%	2398	0.67	4.73	2778	226	10.6	
			62%	2507	0.7	5.07	2855	243	10.33	
			64%	2627	0.73	5.45	2926	260	10.08	
			66%	2756	0.76	5.82	2999	278	9.91	
			68%	2888	0.79	6.26	3075	299	9.65	
			70%	3014	0.83	6.71	3136	320	9.4	
			75%	3346	0.91	7.90	3343	377	8.87	
			80%	3605	0.98	8.83	3474	421	8.56	
			90%	4224	1.14	11.29	3758	537	7.86	
			100%	4783	1.32	14.07	4038	669	7.15	

Type	Voltage (V)	Propeller	Throttle	Thrust (g)	Torque (N*m)	Current (A)	RPM	Power (W)	Efficiency (g/W)	Operating Temperature (°C)
MN7005 KV230	24	T-MOTOR P24*7.2" CF	40%	1407	0.39	4.40	2023	105	13.44	64 (Ambient Temperature:21°C)
			42%	1501	0.42	4.79	2104	114	13.17	
			44%	1592	0.43	5.18	2165	123	12.92	
			46%	1698	0.46	5.71	2266	136	12.51	
			48%	1837	0.49	6.43	2347	152	12.04	
			50%	1951	0.52	7.04	2456	167	11.68	
			52%	2063	0.54	7.65	2531	181	11.39	
			54%	2153	0.57	8.18	2596	194	11.11	
			56%	2261	0.6	8.83	2684	209	10.83	
			58%	2378	0.63	9.53	2762	225	10.56	
			60%	2491	0.65	10.23	2835	241	10.31	
			62%	2605	0.69	10.96	2906	259	10.07	
			64%	2708	0.72	11.60	2967	273	9.9	
			66%	2841	0.75	12.64	3050	297	9.55	
			68%	2948	0.78	13.50	3120	317	9.29	
			70%	3060	0.81	14.31	3182	336	9.1	
			75%	3344	0.89	16.53	3335	387	8.64	
80%	3632	0.96	18.79	3479	438	8.28				
90%	4184	1.12	23.77	3763	551	7.59				
100%	4691	1.28	29.15	4016	670	6.99				

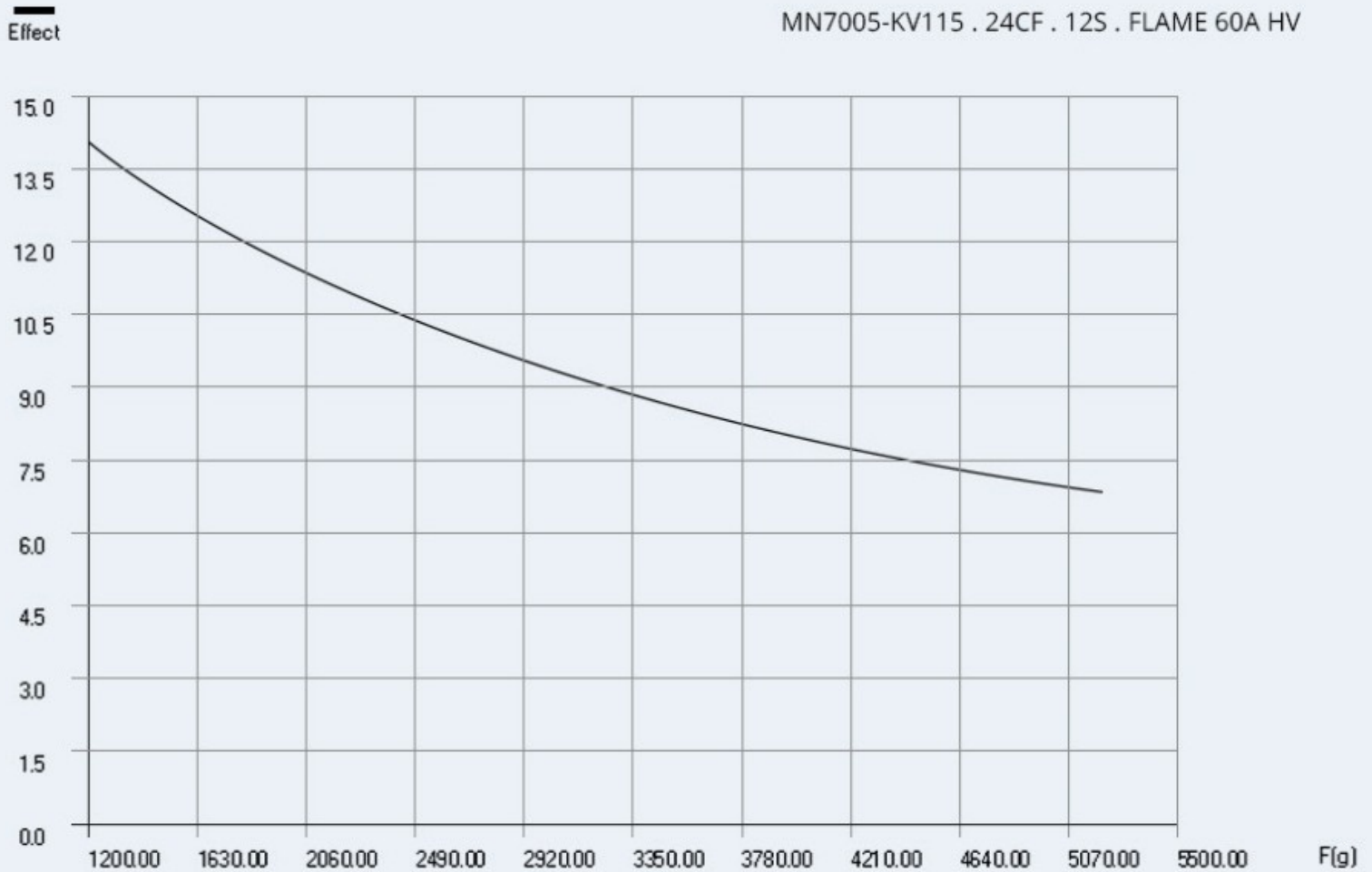
Note: Motor temperature is motor surface temperature @100% throttle running 10mins.

(Data above based on benchtest are for reference only, comparion with that of other motor types is not recommended.)

Analytical Graph of Motor Operation

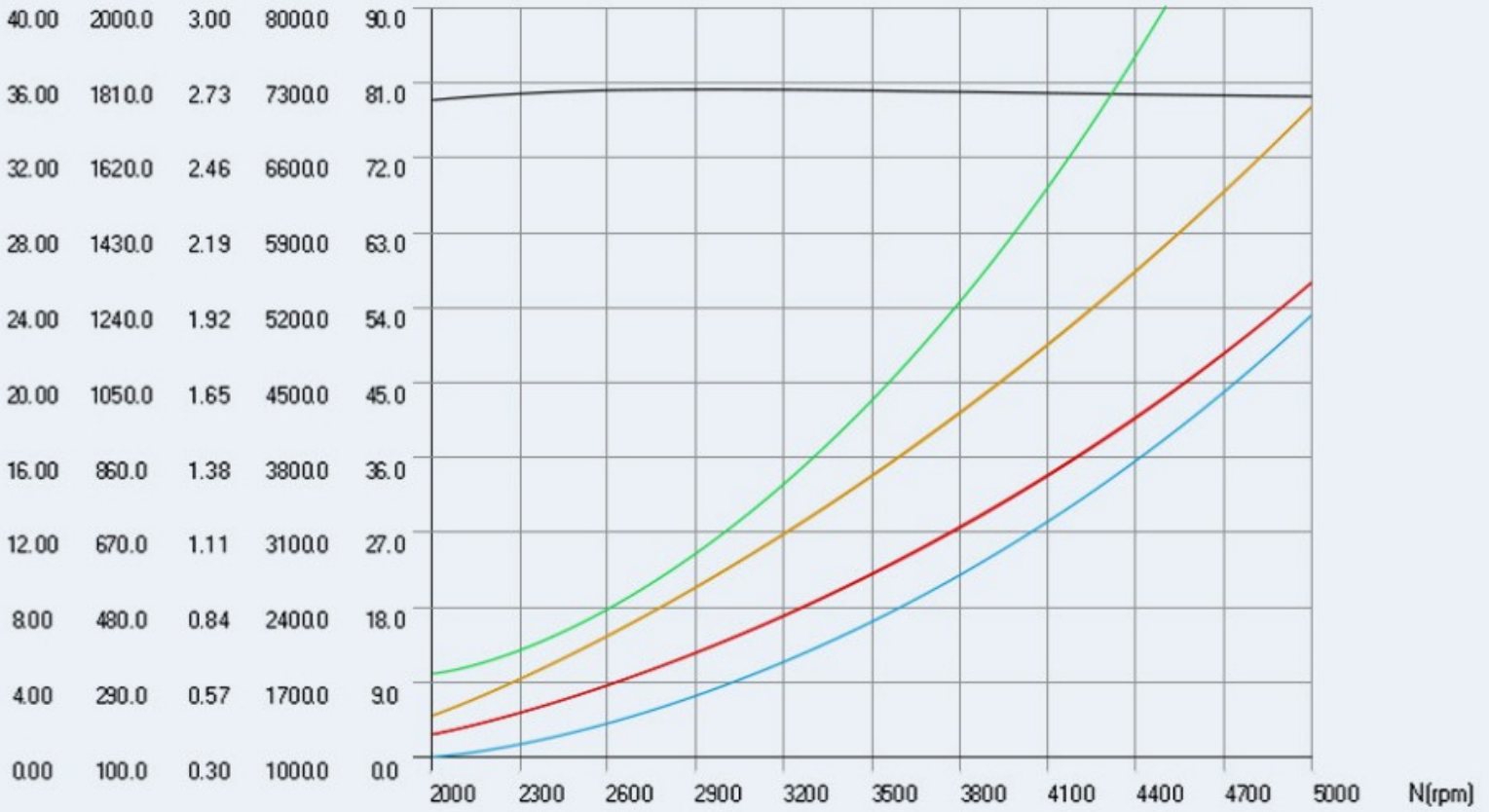


Thrust, Efficiency, Torque, Power ,Current & Rpm Graph



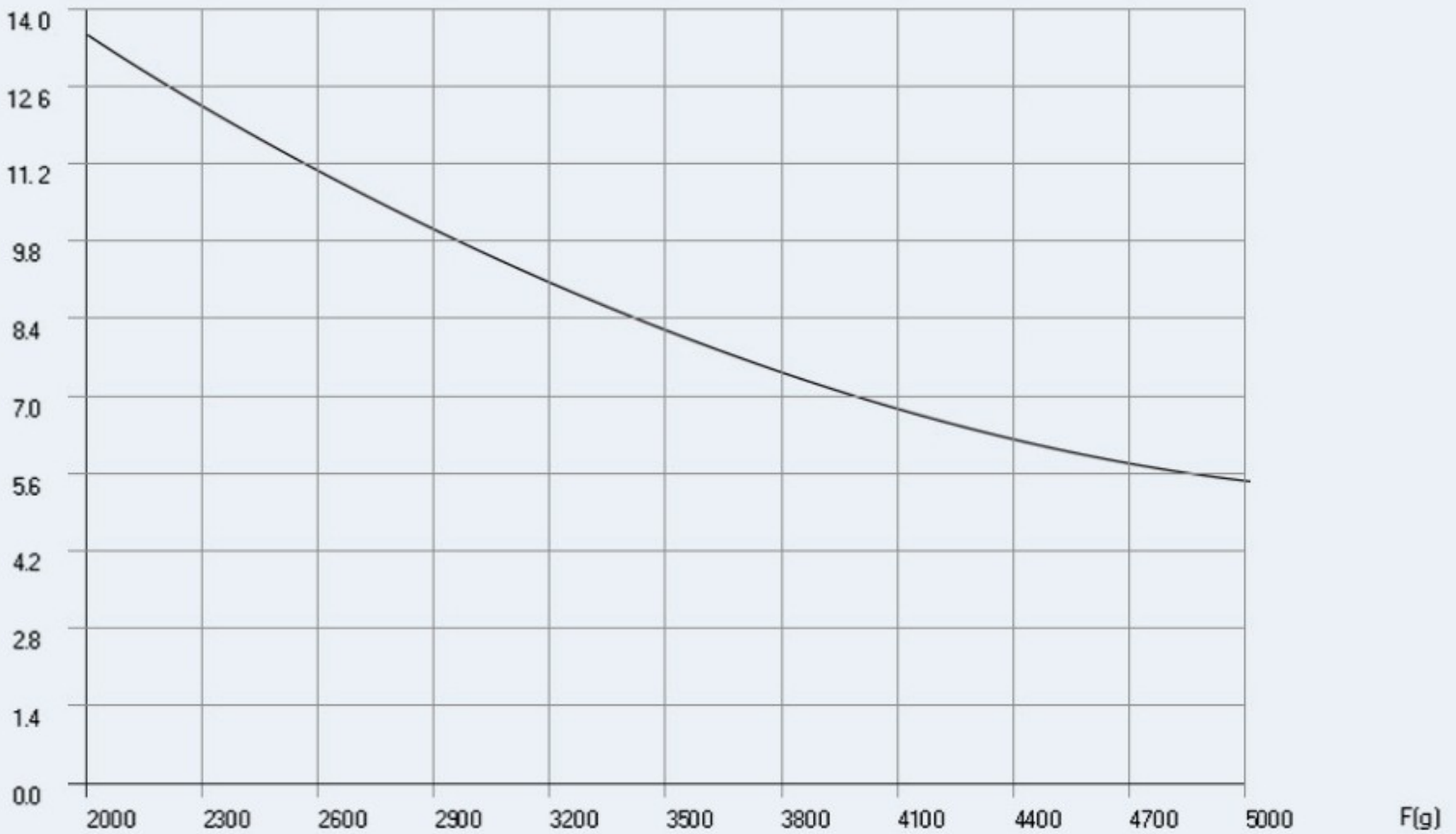
Efficiency Graph

I(A) P1(W) T(N.m) F(g) Eff(%)



Thrust, Efficiency, Torque, Power ,Current & Rpm Graph

Effect



Efficiency Graph

Contents



Motor × 1



Parts Bag × 2

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 onlinesales@tmotor.com