

T-MOTOR
High Performance Brushless Motors



T-MOTOR

Motor: MS2814-10 KV:770

Technical Datas

KV	770
Configu-ration	12N14P
Stator Diameter	28mm
STator Length	14mm
Shaft Diameter	4mm
Motor Dimension(Dia. * Len)	Φ35×36mm
Weight(g)	125G
Idle current(10)@10v(A)	1.0
No.of Cells(Lipo)	3-4S
Max Continuous current(A)180S	30A
Max Continuous Power(W)180S	430W
Max. efficiency current	6-16A>76%
internal resistance	100mΩ

Volts (V)	Prop	Throttle	Amps (A)	Watts (W)	Thrust (G)	Thrust (OZ)	RPM	Efficiency (G/W)	Efficiency (OZ/W)	Remark
11.1	APC10*3.8	50%	4.1	45.51	350	12.35	4337	7.69	0.27	
		65%	5.6	62.16	500	17.64	5190	8.04	0.28	
		75%	8.6	95.46	690	24.34	6120	7.23	0.25	
		85%	11	122.1	820	28.92	6700	6.72	0.24	
		100%	12.5	138.75	920	32.45	6970	6.63	0.23	
	APC11*3.8	50%	3.6	39.96	340	11.99	4037	8.51	0.30	
		65%	4.9	54.39	430	15.17	4825	7.91	0.28	
		75%	6.2	68.82	550	19.40	5520	7.99	0.28	
		85%	8.8	97.68	710	25.04	5830	7.27	0.26	
		100%	13.2	146.52	940	33.16	6265	6.42	0.23	
	APC12*3.8	50%	5.2	57.72	470	16.58	4250	8.14	0.29	
		65%	9.4	104.34	750	26.46	5091	7.19	0.25	
		75%	13.5	149.85	960	33.86	6050	6.41	0.23	
		85%	16.6	184.26	1140	40.21	6560	6.19	0.22	
		100%	19	210.9	1200	42.33	7215	5.69	0.20	
		50%	3.9	43.29	380	13.40	3610	8.78	0.31	

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Motor: MS2814-11 KV:710

Technical Datas

KV	710
Configu-ration	12N14P
Stator Diameter	28mm
STator Length	14mm
Shaft Diameter	4mm
Motor Dimension(Dia.*Len)	Φ35×36mm
Weight(g)	125G
Idle current(10)@10v(A)	0.9A
No.of Cells(Lipo)	3-4S
Max Continuous current(A)180S	18A
Max Continuous Power(W)180S	300W
Max. efficiency current	6-15A>78%
internal resistance	78mΩ

Motor: MS2814-10 KV:770

Technical Datas

KV	770
Configu-ration	12N14P
Stator Diameter	28mm
STator Length	14mm
Shaft Diameter	4mm
Motor Dimension(Dia.*Len)	Φ35×36mm
Weight(g)	125G
Idle current(10)@10v(A)	1.0
No.of Cells(Lipo)	3-4S
Max Continuous current(A)180S	30A
Max Continuous Power(W)180S	430W
Max. efficiency current	6-16A>76%
internal resistance	100mΩ