

GWBLM005

Weight	Diameter	Shaft Diameter	Shaft Length	Length
56g	20mm	2mm	10mm	42.65mm

Item Number	Description	KV	JP Product code
GWBLM005	Inrunner BL Motor 2028 Blue	4600	4448600
GWBLM005A	Inrunner BL Motor 2028 Green	3900	4448605
GWBLM005B	Inrunner BL Motor 2028 Black	3000	4448610
GWBLM005C	Inrunner BL Motor 2028 Yellow	2300	4448615
GWEMM20T	EPSC Motor Mount 20mm 2PCs	Other items you may need	
GW/AP076	10x10x90mm Wood Stick		

The following test datas have been noted all by applying continual high RPMs for 5 minutes respectively.

POWER SYSTEM: EDF-55			Motor: GWBLM005		Weight: 57 Grams		KV value: 4600		
PROPELLER	Volts (V)	Amps (A)	Thrust		Power (W)	Efficiency		Temp.	RPM
			g	oz		g/w	oz/kw	C.	
EP2245X6	7.4	9.2	188	6.63	68.08	2.76	97.4	37	23250
EP2245X6	11.1	17.1	381	13.44	189.81	2.01	70.8	50	31950

POWER SYSTEM: EDF-55			Motor: GWBLM005C		Weight: 57 Grams		KV value: 2300		
PROPELLER	Volts (V)	Amps (A)	Thrust		Power (W)	Efficiency		Temp.	RPM
			g	oz		g/w	oz/kw	C.	
EP2245X6	7.4	2	63	2.22	14.8	4.26	150.14	31	13900
EP2245X6	11.1	3.8	144	5.08	42.18	3.41	120.41	35	20450
EP2245X6	14.8	6.1	241	8.5	90.28	2.67	94.15	40	26300

POWER SYSTEM: EDF-55			Motor: GWBLM005A		Weight: 57 Grams		KV value: 3900		
PROPELLER	Volts (V)	Amps (A)	Thrust		Power (W)	Efficiency		Temp.	RPM
			g	oz		g/w	oz/kw	C.	
EP2245X6	7.4	5.5	131	4.62	40.7	3.22	113.52	36	19550
EP2245X6	11.1	10.3	278	9.81	114.33	2.43	85.76	46	27950
EP2245X6	14.8	15.9	448	15.8	235.32	1.9	67.15	58	35200

POWER SYSTEM: EDF-55			Motor: GWBLM005B		Weight: 57 Grams		KV value: 3000		
PROPELLER	Volts (V)	Amps (A)	Thrust		Power (W)	Efficiency		Temp.	RPM
			g	oz		g/w	oz/kw	C.	
EP2245X6	7.4	3	97	3.42	22.2	4.37	154.11	35	15500
EP2245X6	11.1	5.7	180	6.35	63.27	2.84	100.34	40	22900
EP2245X6	14.8	9.3	326	11.5	137.64	2.37	83.54	52	30250

POWER SYSTEM: EDF-64			Motor: GWBLM005		Weight: 57 Grams		KV Value: 4600		
PROPELLER	Volts (V)	Amps (A)	Thrust		Power (W)	Efficiency		Temp.	RPM
			g	oz		g/w	oz/kw	C.	
EP2540X6	7.4	9.5	212	7.48	70.3	3.02	106.36	39	23300
EP2540X6	11.1	17.2	410	14.46	190.92	2.15	75.74	52	31950

POWER SYSTEM: EDF-64Motor: GWBLM005CWeight: 57 GramsKV Value: 2300

PROPELLER	Volts (V)	Amps (A)	Thrust		Power (W)	Efficiency		Temp. C.	RPM
			g	oz		g/w	oz/kw		
EP2540X6	7.4	2.2	79	2.79	16.28	4.85	171.15	32	13900
EP2540X6	11.1	3.9	158	5.57	43.29	3.65	128.73	35	20450
EP2540X6	14.8	6.2	268	9.45	91.76	2.92	103.01	42	26650

POWER SYSTEM: EDF-64Motor: GWBLM005AWeight: 57 GramsKV Value: 3900

PROPELLER	Volts (V)	Amps (A)	Thrust		Power (W)	Efficiency		Temp. C.	RPM
			g	oz		g/w	oz/kw		
EP2540X6	7.4	5.9	161	5.68	43.66	3.69	130.06	48	19800
EP2540X6	11.1	10.8	301	10.62	119.88	2.51	88.56	50	28400
EP2540X6	14.8	16.2	508	17.92	239.76	2.12	74.73	60	35800

POWER SYSTEM: EDF-64Motor: GWBLM005BWeight: 57 GramsKV Value: 3000

PROPELLER	Volts (V)	Amps (A)	Thrust		Power (W)	Efficiency		Temp. C.	RPM
			g	oz		g/w	oz/kw		
EP2540X6	7.4	3.5	102	3.6	25.9	3.94	138.9	37	16150
EP2540X6	11.1	6.3	218	7.69	69.93	3.12	109.95	48	23650
EP2540X6	14.8	9.7	365	12.87	143.56	2.54	89.67	56	30500