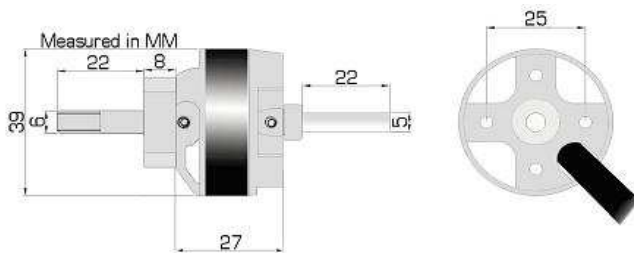




THIS MOTOR IS EQUIVALENT TO A .15 SIZE COMBUSTION ENGINE.
 For Models requiring a brushless outrunner motor capable of 340 watts of power.

MOTROFLY DM-2810-830	Ideal for the following models by flying weight:
	3D planes up to 39 oz Pattern planes up to 32 oz Prop Jet planes up to 32 oz Scale or Sport planes up to 50 oz



Motor weight with out, X mount, connectors and hub as most are measured, 91 grams



Weight is with prop adaptor, X mount, and pre soldered 2mm connectors.				
Weight 4.1 oz 116 gram	Kv 732	No load Current 0.79A at 7V	No load Current 1.03A at 12V	Resistance 0.107Ω
Voltages 11.1V to 18.5V	Max Current 24 amps	Max Watts 14.8V 340W	Max Watts 18.5V 400W	Max Efficiency %

Max prop size to use per voltage or cell count for this motor.				
7.4V	11.1V	14.8V	18.5V	22.2V
6 Ni-MH/Ni-Cd OR 2 Cell Lipo	10 Ni-MH/Ni-Cd OR 3 Cell Lipo	13 Ni-MH/Ni-Cd OR 4 Cell Lipo	16 Ni-MH/Ni-Cd OR 5 Cell Lipo	18 Ni-MH/Ni-Cd OR 6 Cell Lipo
APC Prop Size	APC Prop Size	APC Prop Size	APC Prop Size	APC Prop Size
	13x8	12x6	9x7.5	

Power System for 3D models with a flying weight up to 39 oz 1105 grams			
Propeller APC 12x6 E	Speed Control FM-40	Max Watts 340 W	Recommended Lipo Battery 4s 1300 to 1800mah 20C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 14.8V 60oz 1700 gram	Pitch speed 42 mph	Max amp draw 23 amps	Total Weight (W/O Battery) 6.74 oz (191 grams)

Power System for Pattern models with a flying weight up to 32 oz 907 grams			
Propeller APC 11x8.5	Speed Control FM-40	Max Watts 340 W	Recommended Lipo Battery 4s 1300 to 1800mah 20C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 14.8V 46 oz 1304 gram	Pitch speed 60 mph	Max amp draw 23 amps	Total Weight (W/O Battery) 6.67 oz (189 grams)

Power System for Fast models with a flying weight up to 32 oz 907 grams			
Propeller APC 9x7.5 E	Speed Control FM-40	Max Watts 400 W	Recommended Lipo Battery 5s 1300mah to 1800mah 20C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 14.8V 46 oz 1304 gram	Pitch speed 72 mph	Max amp draw 22 amps	Total Weight (W/O Battery) 6.53 oz (185 grams)

Motor Comparison:
Dualsky XM3530CA-14 1000Kv
Eflite Park 480 1020Kv
Hacker A30-28S 1140Kv
Himax HC3510-1100
Hyperion Z3007-30 1050Kv
HXT 35-30C 1100Kv
Rim Fire 35-30 950
Scorpion 3008-32 1090Kv
Torque 2830 1095Kv

**ONE YEAR WARRANTY
ON MANUFACTURERS
DEFECTS.**

SEE TERMS AND CONDITIONS
FOR MORE DETAILS.