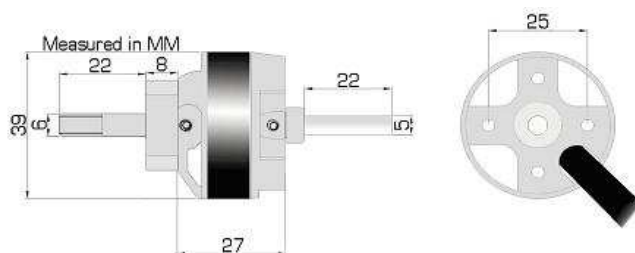




THIS MOTOR IS EQUIVALENT TO A .15 SIZE COMBUSTION ENGINE.
 For Models requiring a brushless outrunner motor capable of 400 watts of power

MOTROFLY DM2810-1200	Ideal for the following models by flying weight:
	3D planes up to 36 oz Pattern planes up to 34 oz Prop Jet planes up to 35 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 Hub, X mount, hardware, and pre soldered 3.5mm connectors.				
Weight 4.1 oz 116 gram	Kv 1240	No load Current 1.59 A at 8V	No load Current 2.06 A at 12V	Resistance 0.0423Ω
Voltages 11.1V to 15.6V	Max Current 40 amps	Max Watts 11.1V 420 W	Max Watts 14.8V 500 W	Max Efficiency 83%

Max prop size & pitch 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
	11x5.5 E	8x6 E		

Power System for 3D models with a flying weight up to 36 oz			
Propeller APC 11X5.5 E	Speed Control FM-40	Max Watts 422	Recommended Lipo Battery 1300 to 1800mah 3s 11.1V 30C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 11.1V 55 oz 1565 gram	Pitch speed 46mph	Max amp draw 34 amps	Total Weight (W/O Battery) 6.63 oz (188 grams)

Power System for Pattern Planes with a flying weight up to 34 oz			
Propeller APC 10x7 E	Speed Control FM-40	Max Watts 377	Recommended Lipo Battery 1500 to 2200mah 3s 11.1V 25C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 11.1V 48 oz 1360 gram	Pitch speed MPH 61mph	Max amp draw 34 amps	Total Weight (W/O Battery) 6.53 oz (185 grams)

Power System for Sport models with a flying weight up to 50 oz			
Propeller APC 11X5.5 E	Speed Control FM-40	Max Watts 422	Recommended Lipo Battery 2200mah 3s 11.1V 20C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 11.1V 55 oz 1565 gram	Pitch speed 46mph	Max amp draw 34 amps	Total Weight (W/O Battery) 6.63 oz (188 grams)

Prop Jet or Fast Airfoil models with a flying weight up to 35 oz			
Propeller APC 8x6 E	Speed Control FM-40	Max Watts 518	Recommended Lipo Battery 2200mah 4s 14.8V 25C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 14.8V 50 oz 1415 gram	Pitch speed MPH 77mph	Max amp draw 35 amps	Total Weight (W/O Battery) 6.28 oz (178 grams)

Motor Comparison:
Atlas 2909/20 1240Kv
AXI 2808/24 1190Kv
Dualsky XM3530CA-12 1200Kv
Eflite Park 480 1020Kv
Hacker A30-28S 1140Kv
Himax HC 3510 1100Kv
Hyperion Z3007-26 1240Kv
HXT 35-30C 1100Kv
Rim Fire 35-30 1250Kv
Scorpion S-3008-28 1253Kv
Thunder Tiger 36/12-25Z 1240Kv
Torque 2830 1095Kv

**ONE YEAR WARRANTY
ON MANUFACTURERS
DEFECTS.**

SEE TERMS AND CONDITIONS
FOR MORE DETAILS.