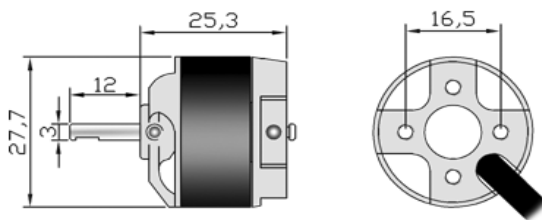




THIS MOTOR IS EQUIVALENT TO A 400 SIZE BRUSHED MOTOR.
 For Models requiring a brushless outrunner motor capable of 150 watts of power.

MOTROFLY DM2210-1400	Ideal for the following models by flying weight: 3D planes up to 20 oz Park Flyers up to 27 oz Scale or Sport planes up to 27 oz
---------------------------------	---



Motor weight with out mount and connectors as most motors are measured, 43 grams



Weight is with prop adaptor, X mount, and pre soldered 3.5mm connectors.				
Weight 1.8 oz 51 gram	Kv 1290	No load Current 1.033A at 7V	No load Current 1.223A at 10V	Resistance 0.095Ω
Voltages 7.4V to 11.1V	Max Current 15 amps	Max Watts 7.4V 115 W	Max Watts 11.1V 155 W	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
Graupner Prop Size 10x8 folding	APC Prop Size 8x3.8 SF	APC Prop Size	APC Prop Size	APC Prop Size

Power System for F3P models with a flying weight up to 15 oz			
Propeller APC 8x3.8 SF	Speed Control FM-20	Max Watts 177 W	Recommended Lipo Battery 800mah 11.1V 20C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust 24 oz 680 gram	Pitch speed 37 mph	Max amp draw 16 amps	Total Weight (W/O Battery) 2.9 oz (84 grams)

Below combination is for 3D planes where full throttle is only used for 15 sec for every 45 sec.

Power System for 3D models with a flying weight up to 20 oz			
Propeller APC 9x4.7 SF	Speed Control FM-20	Max Watts 211 W	Recommended Lipo Battery 1000mah 11.1V 25C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust 32 oz 907 gram	Pitch speed 42 mph	Max amp draw 19 amps	Total Weight (W/O Battery) 3 oz (87 grams)

Power System for Sport balsa models with a flying weight up to 27 oz			
Propeller APC 8x4 E	Speed Control FM-20	Max Watts 155 W	Recommended Lipo Battery 1300mah 11.1V 20C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust 27 oz 765 gram	Pitch speed 40 mph	Max amp draw 15 amps	Total Weight (W/O Battery) 3.1 oz (89 grams)

Below Glider set up is good for 30 second full throttle bursts followed by 60 sec. cool down.

Power System for Gliders with a flying weight up to 29 oz			
Propeller Graupner 9x5 Cam folding	Speed Control FM-20	Max Watts 189 W	Recommended Lipo Battery 11.1V 800mah 25C or 1300, 20C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 11.1V 29 oz 822 gram	Pitch speed MPH 47 mph	Max amp draw 17 amps	Total Weight (W/O Battery) 3.5 oz (101 grams)

Motor Comparison:
Atlas 2308/26 1430Kv
AXI 2208/26 1426Kv
Dualsky XM2826CA-12 1450Kv
Eflite Park 370 11360Kv
Hacker A20-26M 1130Kv
Himax HC2808-1160
Hyperion Z2209-26 1120Kv
HXT 28-26B 1350Kv
Rim Fire 28-26-1300
Scorpion 2208-30 1293Kv
Thunder Tiger OBL 2924/14 1430Kv
Torque 26/1135

**ONE YEAR WARRANTY
ON MANUFACTURERS
DEFECTS.**

**SEE TERMS AND CONDITIONS
FOR MORE DETAILS.**