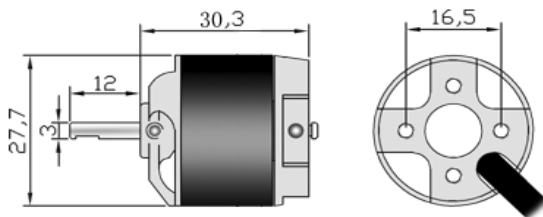




THIS MOTOR IS EQUIVALENT TO A 480 SIZE BRUSHED MOTOR.
 For Models requiring a brushless outrunner motor capable of 180 watts of power.

MOTROFLY DM2215-1150	Ideal for the following models by flying weight:
	3D planes up to 21 oz Park Flyers up to 30 oz Prop Jet planes up to 21 oz Scale or Sport planes up to 27 oz



Motor weight with out mount and connectors as most are measured, 58.5 grams



Weight is with prop adaptor, X mount, and pre soldered 2mm connectors.				
Weight 2.4 oz 70 gram	Kv 1096	No load Current 0.92A at 7V	No load Current 1.21A at 12V	Resistance 0.0860Ω
Voltages 7V to 12V	Max Current 17 amps	Max Watts 7.4V 118 W	Max Watts 11.1V 188 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 12X8 folding	APC Prop Size 9x4.7 SF	APC Prop Size	APC Prop Size	APC Prop Size

Power System for 3D models with a flying weight up to 19 oz 538 grams			
Propeller APC 9x4.7 SF	Speed Control FM-20	Max Watts 188 W	Recommended Lipo Battery 1000mah 3s 11.1V 20C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 11.1V 30 oz 850 gram	Pitch speed 40 mph	Max amp draw 17 amps	Total Weight (W/O Battery) 3.6 oz (103 grams)

Below combination is for 3D planes where full throttle is only used for 5 sec for every 45 sec.

EXTREME Power for 3D models with a flying weight up to 21 oz 595 grams			
Propeller APC 10x4.7 SF	Speed Control FM-30	Max Watts 255 W	Recommended Lipo Battery 1300mah 3s 11.1V 25C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 11.1V 37 oz 1048 gram	Pitch speed 35 mph	Max amp draw 23 amps	Total Weight (W/O Battery) 3.9 oz (112 grams)

Power System for Park Flyers with a flying weight up to 30 oz 850 grams			
Propeller APC 9x4.7 SF	Speed Control FM-20	Max Watts 188 W	Recommended Lipo Battery 1300mah 3s 11.1V 20C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 11.1V 30 oz 850 gram	Pitch speed 40 mph	Max amp draw 17 amps	Total Weight (W/O Battery) 3.6 oz (103 grams)

Prop Jet or Fast Airfoil models with a flying weight up to 21 oz 595 grams			
Propeller Graupner 8x6 Cam Slim	Speed Control FM-20	Max Watts 177 W	Recommended Lipo Battery 1300mah 3s 11.1V 20C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 11.1V 27 oz 765 gram	Pitch speed MPH 52 mph	Max amp draw 16 amps	Total Weight (W/O Battery) 3.7 oz (105 grams)

Power System for Sport models with a flying weight up to 27 oz 765 grams			
Propeller	Speed Control	Max Watts	Recommended Lipo Battery

Motor Comparison:
AXI 2217/16 1050Kv
Dualsky XM2830CA-10 1180Kv
Hacker A20-20L 1022Kv
Himax HC2816-1220Kv
Scorpion S-2215-18 1131Kv
Torque 20/1030Kv
Venom V28L 1275Kv
ONE YEAR WARRANTY ON MANUFACTURERS DEFECTS.
SEE TERMS AND CONDITIONS FOR MORE DETAILS.