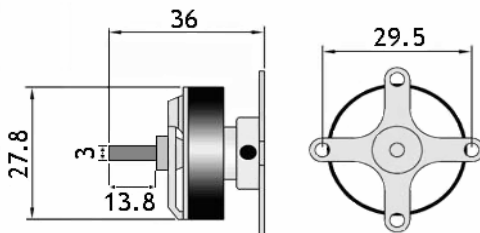




THIS MOTOR IS EQUIVALENT TO A 370 SIZE BRUSHED MOTOR.
 For Models requiring a brushless outrunner motor capable of 100 watts of power.

MOTROFLY DM2205-1800	Ideal for the following models by flying weight:
	F3P planes up to 13 oz 368 grams
	Park Flyers up to 22 oz 620 grams Fast planes up to 14.1 oz 400 grams



Motor weight with out adaptor and connectors as most are measured, 28 grams

Weight is with prop adaptor, X mount, and pre soldered 2mm connectors.				
Weight 1.13 oz 32 gram	Kv 1890	No load Current 0.90A at 7V	No load Current 1.10A at 10V	Resistance 0.107Ω
Max Watts to be used up to 10 second with 30 second rest periods at 50% throttle.				
Voltages 7.4V to 12V	Max Current 12 amps	Max Watts 7.4V 82W	Max Watts 11.1V 129 W	Max Efficiency 78%

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 8x4	APC Prop Size 6x4	APC Prop Size 4.1x4.1	APC Prop Size	APC Prop Size

Power System for F3P models with a flying weight up to 10.6 oz 300 grams Or Park Flyers with a flying weight up to 16.3 oz 463 grams			
Propeller APC 7x3.8 SFW	Speed Control FM-10	Max Watts 82 W	Recommended Lipo Battery 450mah 2s 7.4V 25C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 7.4V 16.3 oz 463 gram	Pitch speed 36 mph	Max amp draw 11.5 amps	Total Weight (W/O Battery) 1.83 oz (52 grams)

Power System for F3P models with a flying weight up to 13 oz 368 grams			
Propeller GWS 7x3.5 HD	Speed Control FM-10	Max Watts 129 W	Recommended Lipo Battery 450mah 3s 11.1V 25C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 11.1V 20 oz 566 gram	Pitch speed 51 mph	Max amp draw 12 amps	Total Weight (W/O Battery) 1.73 oz (49 grams)

Park Flyers with a flying weight up to 22 oz 620 grams			
Graupner Propeller 6x3 four blade	Speed Control FM-10	Max Watts 120 W	Recommended Lipo Battery 450mah 3s 11.1V 25C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 11.1V 22 oz 620 gram	Pitch speed 44 mph	Max amp draw 11 amps	Total Weight (W/O Battery) 1.80 oz (51 grams)

Prop Jet or Fast Airfoil models with a flying weight up to 14.1 oz 400 grams			
Propeller APC 5.5x4.5	Speed Control FM-10	Max Watts 105 W	Recommended Lipo Battery 450mah 3s 11.1V 25C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 11.1V 18 oz 510 gram	Pitch speed MPH 74 mph	Max amp draw 10 amps	Total Weight (W/O Battery) 1.73 oz (49 grams)



Motor Comparison:
Atlas none
AXI none
Dualsky XM2822CA-20-1800Kv
Eflite none
Hacker none
Himax none
Hyperion none
HXT 28-22-A-1600Kv
Rim Fire none
Scorpion S-2205-36-1670Kv
Torque none

**ONE YEAR WARRANTY
ON MANUFACTURERS
DEFECTS.**

SEE TERMS AND CONDITIONS
FOR MORE DETAILS.

Adaptor is available for
this motor that allows you to
use with 8mm motor mounts.
Sold seperately