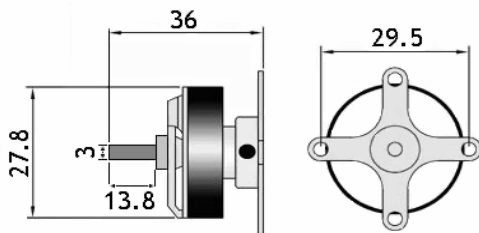




THIS MOTOR IS EQUIVALENT TO A 300 SIZE BRUSHED MOTOR.
 For Models requiring a brushless outrunner motor capable of 80 watts of power.

| | |
|---------------------------------|--|
| MOTROFLY DM2205-1350 | Ideal for the following models by flying weight: F3P planes up to 11.7 oz 331 grams Park Flyers up to 17 oz 482 grams Fast planes up to 10.2 oz 290 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 1189 | No load Current 0.50A at 7V | No load Current 0.60A at 10V | Resistance 0.272Ω |
| Voltages 7.4V to 12V | Max Current 8 amps | Max Watts 7.4V 50W | Max Watts 11.1V 90W | 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 9x4.7 SF | APC Prop Size 8x4 E | N/A | N/A | N/A |

Power System for light park flyers with a flying weight up to 13 oz 368 grams

| | | | |
|---|-------------------------------|---------------------------------|---|
| Propeller APC 9x4.7 SF | Speed Control FM-10 | Max Watts 49 | Recommended Lipo Battery 360mah 2s 7.4V 20C |
| Total weight is motor with all hardware, connectors, speed control, and prop. | | | |
| Thrust at 7.4V 12.9 oz 367 gram | Pitch speed 25mph | Max amp draw 6.7 amps | Total Weight (W/O Battery) 2.01 oz (57 grams) |

Power System for F3P models with a flying weight up to 7 oz 200 grams

| | | | |
|---|---------------------------------|-------------------------------|---|
| Propeller GWS 7x3.5 HD | Speed Control FM-10 | Max Watts 44 | Recommended Lipo Battery 200mah 3s 11.1V 20C |
| Total weight is motor with all hardware, connectors, speed control, and prop. | | | |
| Thrust at 11.1V 10.7 oz 305 gram | Pitch speed MPH 37mph | Max amp draw 4 amps | Total Weight (W/O Battery) 1.73 oz (49 grams) |

**Power System for F3P models with a flying weight up to 11.7 oz 331 grams
 Or Park Flyers with a flying weight up to 17 oz 482 grams**

| | | | |
|---|-------------------------------|---------------------------------|---|
| Propeller APC 7x3.8 SFW | Speed Control FM-10 | Max Watts 78 | Recommended Lipo Battery 360mah 3s 11.1V 20C |
| Total weight is motor with all hardware, connectors, speed control, and prop. | | | |
| Thrust at 11.1V 16.7 oz 473 gram | Pitch speed 32mph | Max amp draw 7.1 amps | Total Weight (W/O Battery) 1.83 oz (52 grams) |

Fast Park Flyers with a flying weight up to 10.2 oz 290 grams

| | | | |
|---|-------------------------------|---------------------------------|---|
| Propeller APC 7x6 SF | Speed Control FM-10 | Max Watts 84 | Recommended Lipo Battery 360mah 3s 11.1V 25C |
| Total weight is motor with all hardware, all connectors, speed control, and prop. | | | |
| Thrust at 11.1V 13 oz 369 gram | Pitch speed 48mph | Max amp draw 8.3 amps | Total Weight (W/O Battery) 1.83 oz (52 grams) |

Motor Comparison:

| |
|-----------------------------------|
| AXI 2204/54-1400Kv |
| Dualsky XM2822CA-24-1450Kv |
| Eflite Park 300-1380Kv |
| Hacker A20-34S 1500Kv |
| Hyperion Z2205-34-1530Kv |
| HXT 28-22-B-1400Kv |
| Rim Fire 28-22-1380Kv |
| Scorpion S-2205-40-1551Kv |
| Torque 34/1520Kv |

**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