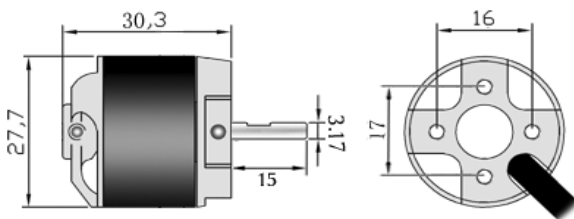




**THIS MOTOR IS EQUIVALENT TO A SPEED 480 BRUSHED MOTOR**  
**FAST Models requiring a brushless outrunner motor capable of 250 watts of power.**

**MOTROFLY**  
**DM H2215-3500**

**Ideal for the following models by flying weight:**  
**Helicopters up to 24 oz 680 grams**  
**Fast Sport or Scale models up to 30 oz**  
**Prop Jet planes up to 24 oz 680 grams**



**Weight is with prop adaptor, X mount, and pre soldered 3.5mm connectors.**

|                                  |                               |                                       |                                       |                                |
|----------------------------------|-------------------------------|---------------------------------------|---------------------------------------|--------------------------------|
| Weight<br><b>1.9 oz 54 gram</b>  | Kv<br><b>3670</b>             | No load Current<br><b>2.11A at 6V</b> | No load Current<br><b>2.63A at 8V</b> | Resistance<br><b>0.0331Ω</b>   |
| Voltages<br><b>7.4V to 11.1V</b> | Max Current<br><b>32 amps</b> | Max Watts<br><b>7.4V 260 W</b>        | Max Watts<br><b>11.1V 260 W</b>       | Max Efficiency<br><b>79.5%</b> |

**Max prop size to use per voltage or cell count for this motor.**

|                                 |                                  |                                  |                                  |                                  |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| <b>7.4V</b>                     | <b>11.1V</b>                     | <b>14.8V</b>                     | <b>18.5V</b>                     | <b>22.2V</b>                     |
| 6 Ni-MH/Ni-Cd<br>OR 2 Cell Lipo | 10 Ni-MH/Ni-Cd<br>OR 3 Cell Lipo | 13 Ni-MH/Ni-Cd<br>OR 4 Cell Lipo | 16 Ni-MH/Ni-Cd<br>OR 5 Cell Lipo | 18 Ni-MH/Ni-Cd<br>OR 6 Cell Lipo |
| APC Prop Size<br><b>6x4 E</b>   | APC Prop Size<br><b>4x4 E</b>    | APC Prop Size                    | APC Prop Size                    | APC Prop Size                    |

On 3s the prop would have to be able to handel 32,000 rpm

**Prop Jet or FAST Airfoil models with a flying weight up to 15 oz 425 grams**

|   |                               |                                |  |
|---|-------------------------------|--------------------------------|--|
| Propeller<br><b>APC 5.25x6.25 E</b>   | Speed Control<br><b>FM-30</b> | Watts<br><b>260 W</b>          | Recommended Lipo Battery<br><b>2s, 1300 to 1500mah 30C</b> |
| Total weight is motor with all hardware, connectors, speed control, and prop. |                               |                                |  |
| Thrust at 8V<br><b>19 oz 538 gram</b>   | Pitch speed<br><b>115 mph</b> | Max amp draw<br><b>33 amps</b> | Total Weight (W/O Battery)<br><b>3.4 oz (98 grams)</b>     |

**Prop Jet or FAST Airfoil models with a flying weight up to 21 oz 600 grams**

|   |                               |                                |  |
|---|-------------------------------|--------------------------------|--|
| Propeller<br><b>APC 6x4 E</b>   | Speed Control<br><b>FM-30</b> | Watts<br><b>260 W</b>          | Recommended Lipo Battery<br><b>2s, 1300 to 1500mah 30C</b> |
| Total weight is motor with all hardware, connectors, speed control, and prop. |                               |                                |  |
| Thrust at 8V<br><b>27 oz 765 gram</b>   | Pitch speed<br><b>74 mph</b>  | Max amp draw<br><b>32 amps</b> | Total Weight (W/O Battery)<br><b>3.4 oz (98 grams)</b>     |

**Prop Jet or FAST Airfoil models with a flying weight up to 24 oz 680 grams**

|   |                               |                                |  |
|---|-------------------------------|--------------------------------|--|
| Propeller<br><b>APC 5.5x4.5 E</b>   | Speed Control<br><b>FM-30</b> | Watts<br><b>225 W</b>          | Recommended Lipo Battery<br><b>2s, 1300 to 1500mah 30C</b> |
| Total weight is motor with all hardware, connectors, speed control, and prop. |                               |                                |  |
| Thrust at 8V<br><b>29 oz gram</b>   | Pitch speed<br><b>87 mph</b>  | Max amp draw<br><b>28 amps</b> | Total Weight (W/O Battery)<br><b>3.4 oz (97 grams)</b>     |

**Prop Jet or Fast Airfoil models with a flying weight up to 30 oz grams**

|   |                                  |                                |   |
|---|----------------------------------|--------------------------------|---|
| Propeller Graupner<br><b>6x3 four blade</b>                                   | Speed Control<br><b>FM-30</b>    | Watts<br><b>232 W</b>          | Recommended Lipo Battery<br><b>2s, 1300 30C to 1800 20C</b> |
| Total weight is motor with all hardware, connectors, speed control, and prop. |                                  |                                |   |
| Thrust<br><b>35 oz gram</b>   | Pitch speed MPH<br><b>56 mph</b> | Max amp draw<br><b>29 amps</b> | Total Weight (W/O Battery)<br><b>3.5 oz (100 grams)</b>     |

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**Motor Comparison:**

|                        |
|------------------------|
| Atlas                  |
| AXI                    |
| Dualsky                |
| Eflite Park 400 3500Kv |
| Hacker                 |
| Himax                  |
| Hyperion               |
| HXT                    |
| Rim Fire               |
| Scorpion               |
| Torque                 |

**ONE YEAR WARRANTY  
ON MANUFACTURERS  
DEFECTS.**

SEE TERMS AND CONDITIONS  
FOR MORE DETAILS.

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