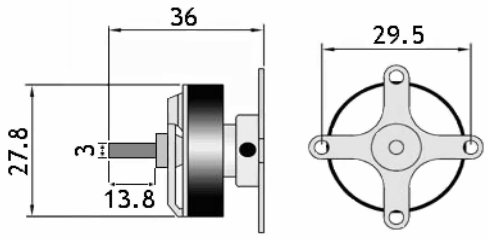
MOTROLFLY
SUBSONICPLANES.COM

THIS MOTOR IS EQUIVALENT TO A 400 SIZE BRUSHED MOTOR.
For Models requiring a brushless outrunner motor capable of 200 watts of power.

MOTROLFLY DM2205-2800	**Ideal for the following models by flying weight:** **Fast Park Flyers** up to **16 oz** 454 grams **Prop Jet** or **Fast** planes up to **14.5 oz** 410 grams



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

MOTROLFLY DM2205-2800

Weight is with prop spinner, X mount, and pre soldered 3.5mm connectors.				
Weight **1.27 oz 36 gram**	Kv **2840**	No load Current **1.85** A **at 7V**	No load Current **2.25** A **at 10V**	Resistance **0.12Ω**
Voltages **7.4V to 12V**	Max Current **22 amps**	Max Watts 7.4V **120 W**	Max Watts 11.1V **200 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
APC Prop Size	APC Prop Size	APC Prop Size	APC Prop Size	APC Prop Size
6X4	**4.75x4.75**			

Fast Park Flyers with a flying weight up to 16 oz 454 grams			
Propeller **APC 6x4 E**	Speed Control **FM-20**	Max Watts **125 W**	Recommended Lipo Battery **1000mah** 2s **7.4V 20C**
Total weight is motor with all hardware, spinner, connectors, speed control, and prop.			
Thrust at 7.4V **16 oz 454 gram**	Pitch speed **56 mph**	Max amp draw **17 amps**	Total Weight (W/O Battery) **2.33 oz (66 grams)**

Prop Jet or Fast Airfoil models with a flying weight up to 13.5 oz 383 grams			
Propeller **APC 4.5x4.1**	Speed Control **FM-20**	Max Watts **200 W**	Recommended Lipo Battery **1000mah** 3s **11.1V 20C**
Total weight is motor with all hardware, spinner, connectors, speed control, and prop.			
Thrust at 11.1V **17 oz 486 gram**	Pitch speed **93 mph**	Max amp draw **19 amps**	Total Weight (W/O Battery) **2.22 oz (63 grams)**

Prop Jet or Fast Airfoil models with a flying weight up to 14.5 oz 410 grams			
Propeller **APC 4.75x4.75**	Speed Control **FM-20**	Max Watts **225 W**	Recommended Lipo Battery **1000mah** 3s **11.1V 25C**
Total weight is motor with all hardware, spinner, connectors, speed control, and prop.			
Thrust at 11.1V **18 oz 510 gram**	Pitch speed **105 mph**	Max amp draw **21 amps**	Total Weight (W/O Battery) **2.26 oz (64 grams)**

Motor Comparison:
Micro Dan 2205-2800Kv
Little Screamers 2800Kv

ONE YEAR WARRANTY ON MANUFACTURERS DEFECTS.

SEE TERMS AND CONDITIONS FOR MORE DETAILS.