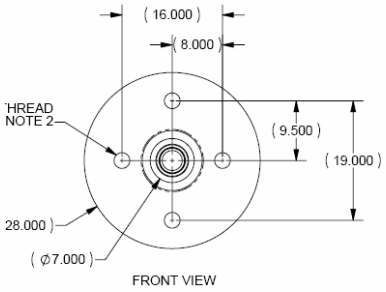
medusa research inc.
Engineered Products for the RC Enthusiast

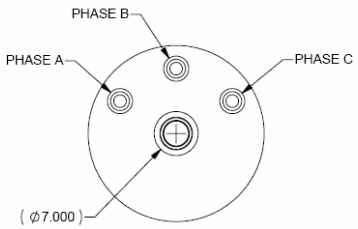
Afterburner BRUSHLESS MOTORS

MR-028-040-3400

Designed & Engineered in the USA

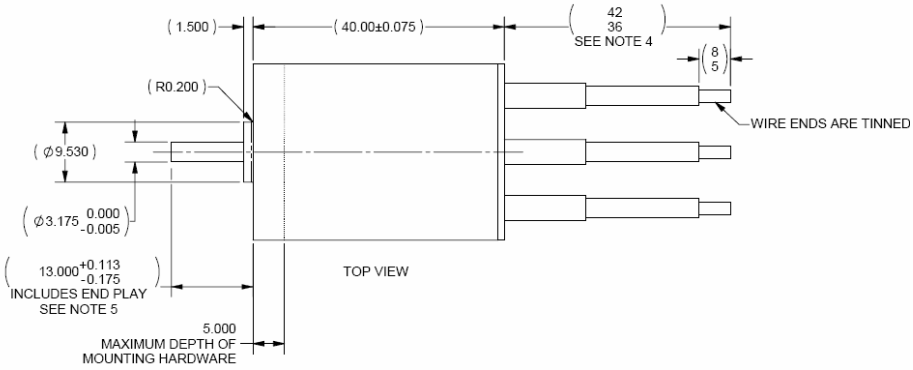


FRONT VIEW



REAR VIEW

MR-028-040-3400	
Dimension (D x L)	28mm x 40mm
Shaft Diameter	3.17 mm
Weight	100g
Kv	3400 RPM/V
Io @ 8V	2.4A
Rm	10 mOhm
Pin	302W
I / Imax	39A / 46A
Vmax	18V
Recommended Model Weight	1000 to 1900g



- Designed in the USA by Medusa Research's experienced electric motor engineers
- Created with cutting edge computer simulation and years of real-world testing
- Two piece case construction for better endurance
- Quality construction, materials and workmanship
- High speed ball bearings rated at 60,000 RPM
- Higher efficiency and power means better performance

2 year warranty

Battery	Volts	Gearing	Prop	Amps	Prop RPM	Pitch Speed	Thrust	Power	Efficiency
2s LiPo 4400	7.4 V	3.3:1	APC 12x12E	43.6 A	6,050	69 MPH	56 oz	275W	90%
3s LiPo 4400	11.1 V	4.4:1	APC 12x8E	33.6 A	7,409	56 MPH	63 oz	333 W	91%
3s LiPo 4400	11.1 V	4.4:1	APC 14x10F	58.7 A	6,536	62 MPH	91 oz	531 W*	90%

* For short duration as used in sailplanes.

Afterburner motors can provide more power, higher efficiency, and longer flight times than other brushless motors.