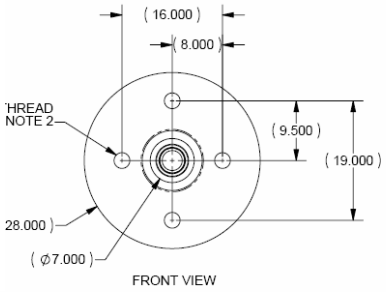
medusa research inc.
Engineered Products for the RC Enthusiast

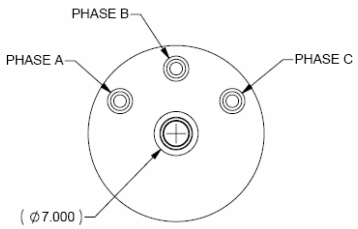
Afterburner BRUSHLESS MOTORS

MR-028-040-2500

Designed & Engineered in the USA

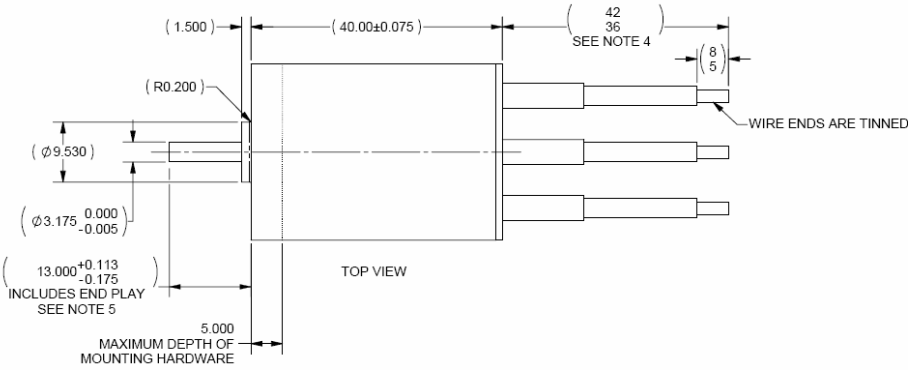


FRONT VIEW



REAR VIEW

MR-028-040-2500	
Dimension (D x L)	28mm x 40mm
Shaft Diameter	3.17 mm
Weight	100g
Kv	2500 RPM/V
Io @ 8V	1.5A
Rm	17 mOhm
Pin	302W
I / Imax	35A / 42A
Vmax	24V
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	Direct	APC 8x4E	39.1 A	14,398	55 MPH	40 oz	251 W	87%
3s LiPo 4400	11.1 V	Direct	APC 6x4E	33.2 A	23,438	89 MPH	41 oz	330 W	91%
3s LiPo 4400	11.1 V	3.3:1	APC 12x10E	32.3 A	6,646	63 MPH	59 oz	301 W	91%
4s LiPo 3300	14.8 V	4.4:1	APC 12x8E	23.6 A	7,230	55 MPH	60 oz	310 W	91%

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