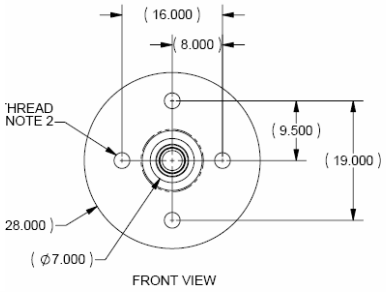
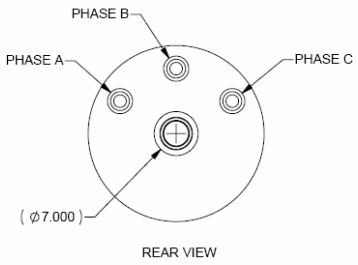
medusa research inc.
Engineered Products for the RC Enthusiast

Afterburner BRUSHLESS MOTORS

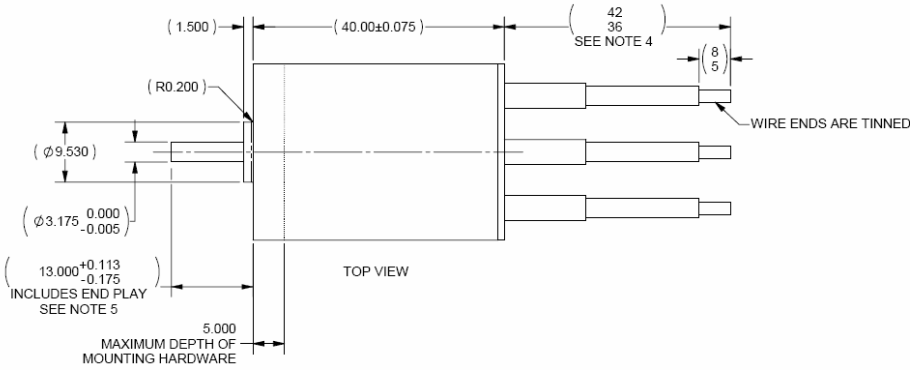
MR-028-040-1200

Designed & Engineered in the USA





MR-028-040-1200	
Dimension (D x L)	28mm x 40mm
Shaft Diameter	3.17 mm
Weight	100g
Kv	1200 RPM/V
Io @ 8V	0.6A
Rm	66 mOhm
Pin	302W
I / Imax	20A / 24A
Vmax	50V
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
4s LiPo 4400	14.8 V	Direct	APC 8x4E	19.2 A	14,594	55 MPH	41 oz	259 W	88%
4s LiPo 3300	14.8 V	3.3:1	APC 16x10E	20.7 A	4,351	41 MPH	65 oz	276 W	88%
6s LiPo 2200	22.2 V	4.4:1	APC 15x10E	17.0 A	4,351	49 MPH	73 oz	342 W	91%

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