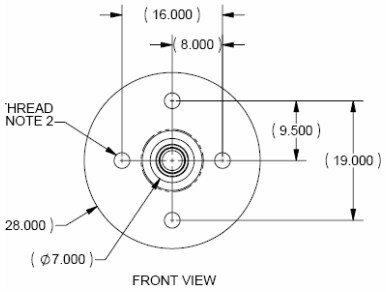
medusa research inc.
*Engineered Products for the RC Enthusiast*

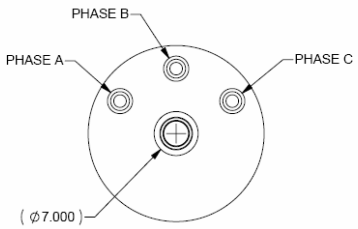
Afterburner BRUSHLESS MOTORS

# MR-028-040-2200

Designed & Engineered in the USA

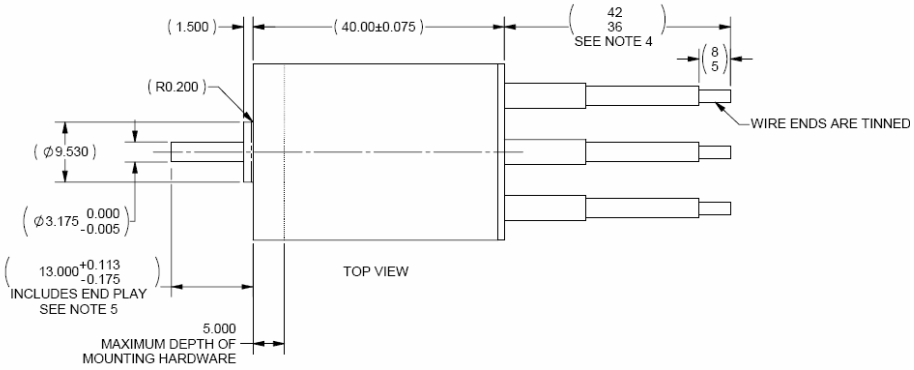


FRONT VIEW



REAR VIEW

| MR-028-040-2200 | |
|---|---|
| Dimension (D x L) | 28mm x 40mm |
| Shaft Diameter | 3.17 mm |
| Weight | 100g |
| Kv | 2200 RPM/V |
| Io @ 8V | 1.1A |
| Rm | 21 mOhm |
| Pin | 302W |
| I / Imax | 39A / 46A |
| Vmax | 27V |
| 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 8x6E | 38.2 A | 12,415 | 71 MPH | 39 oz | 246 W | 86% |
| 3s LiPo 4400 | 11.1 V | Direct | APC 6x5.5E | 30.9 A | 20,613 | 108 MPH | 39 oz | 310 W | 90% |
| 3s LiPo 4400 | 11.1 V | 3.3:1 | APC 14x7E | 32.0 A | 6,206 | 41 MPH | 66 oz | 319 W | 90% |
| 4s LiPo 3300 | 14.8 V | 4.3:1 | APC 14x10E | 33.0 A | 6,017 | 57 MPH | 78 oz | 412 W | 91% |

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