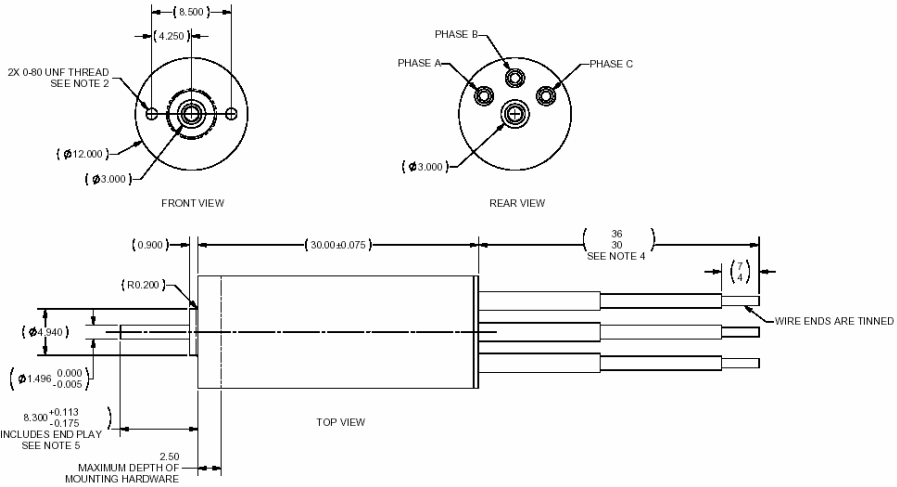
medusa research inc.

*Engineered Products for the RC Enthusiast*

Afterburner BRUSHLESS MOTORS

# MR-012-030-4000

Designed & Engineered in the USA




| MR-012-030-4000 | |
|---|---|
| Dimension (D x L) | 12mm x 30mm |
| Shaft Diameter | 1.5 mm |
| Weight | 15g |
| Kv | 4000 RPM/V |
| Io @ 8V | 0.3A |
| Rm | 300 mOhm |
| Pin | 44W |
| I / Imax | 5A / 6A |
| Vmax | 15V |
| Recommended Model Weight | 100 to 200g |

- 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 |
|---|---|---|---|---|---|---|---|---|---|
| 3s LiPo 900 | 11.1V | Direct | GWS 3x2DD | 6.5 A | 34,021 | 64 MPH | 8 oz | 68 W | 77% |

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