**DM-S70 Drone Motor**

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| Basic Motor Parameters |
| Throttle | % | 60 |
| Max. Thrust | kg | 12 |
| Recommended Takeoff Weight | kg | 4-6 |
| Torque | Nm | 1.45 |
| KV Rating | rpm/V | 150 |
| Bus Voltage | S | 12-14 S |
| Operating Current | A | 20 |
| Rated Speed | rpm | 4400 |
| Propeller Force Efficiency | g/W | 8.7 |
| Electrical Parameters |
| Number of Phases |  | 3 |
| Number of Poles |  | 28 |
| Terminal Resistance Phase to Phase | mΩ | 35 |
| Terminal Inductance Phase to Phase | mH | 40 |
| Thermal Data |
| Ambient Temperature | °C | -40...+85 |
| Max. Winding Temperature | °C | +155 |
| Physical Parameters |
| Outer Diameter | mm | 70 |
| Shaft Diameter | mm | 8 |
| Weight | gr | 0.760 |
| Motor Connection |
| U | RED |
| V | BLACK |
| W | WHITE |
| Sensor Connection |
| N/A | N/A |
| Connector Articles |
| Power | N/A |
| Signal | N/A |
| Propeller Info (Recommended) |
| Diameter | 24” |
| Pitch | 7.2” |