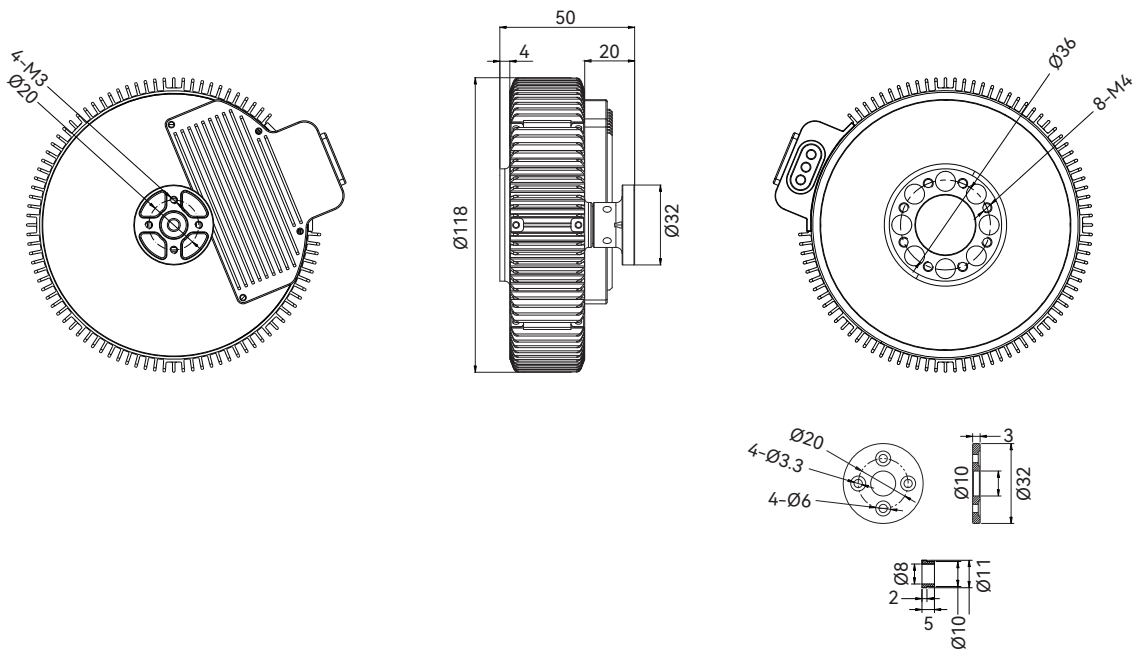


N8 S-E

Technical Drawing



| Specification | |
|----------------------------------|---|
| Model No. | N8 S-E KV85 |
| Setup | N8 S-E-N60A+N30 Propeller |
| Recommended Battery | 12S (LiPo) |
| Continuous Power | 309W |
| Max Thrust | 8kg |
| Wire Material, Wire Gauge, Color | Power Wires: 14#Silicone Wire-Red/Black Signal Wires: 5P PTFE Wire |
| Wire Length | 710±10mm |
| Weight (Incl. Cable) | 625g±2% (Excluding Propeller) |
| IP | IP66 |
| Recommended Ambient Temperature | -5°C~50°C |
| Motor Specs | |
| Model No. | N8 S-E KV85 |
| Motor Size (mm) | 129.3*118*50mm |
| Configuration | 36N42P |
| Shaft Diameter (mm) | IN10 |
| Bearing | Imported 6900/Imported 6802 |
| Magnet Level | 180°C |
| Copper Wire | 220°C |
| Coil Insulation Test | 500V/5s |
| Rotor Dynamic Balance Standard | ≤15mg |
| IP | IP66 |

| Specification | |
|----------------------------------|---|
| Model No. | N8 S-E KV100 |
| Setup | N8 S-E-N60A+N28 Propeller |
| Recommended Battery | 12S (LiPo) |
| Continuous Power | 397W |
| Max Thrust | 9kg |
| Wire Material, Wire Gauge, Color | Power Wires: 14#Silicone Wire-Red/Black Signal Cable: 5P PTFE Wire |
| Wire Length | 710±10mm |
| Weight (Incl. Cable) | 625g±2% (Excluding Propeller) |
| IP | IP66 |
| Recommended Ambient Temperature | -20°C~50°C |
| Motor Specs | |
| Model No. | N8 S-E KV100 |
| Motor Size (mm) | 129.3*118*50mm |
| Configuration | 36N42P |
| Shaft Diameter (mm) | IN10 |
| Bearing | Imported 6900/Imported 6802 |
| Magnet Level | 180°C |
| Copper Wire | 220°C |
| Coil Insulation Test | 500V/5s |
| Rotor Dynamic Balance Standard | ≤15mg |

N8 S-E

| ESC Specs | |
|---------------------------------|--|
| Model No. | N60A |
| Protocol | TTL |
| Propeller-Locking | / |
| Continuous Current (A) | 30 (Under Certain Heat Dissipation Conditions) |
| Standby Consumption (mA) | ≤50 |
| Throttle Refresh Frequency (Hz) | 50~500 |
| Output Cable (mm) | Silicone Wire-Black-16AWG-800±10 |
| Encoder Cables (mm) | / |
| Throttle Pos. Range (us) | 1100~1940 |
| Control | PWM |
| Max Voltage (V) | 48 |
| Peak Current (A/10s) | 60 (Under Certain Heat Dissipation Conditions) |
| Throttle Response Speed (ms) | 300 |
| Input Cable (mm) | Silicone Wire-Red/Black-14AWG-800±10 |
| Signal Cable (mm) | Shielded Cables-Black-5C-800±10-JP-3P*2 |
| Weight (Excl. Cable) | 91±5 |