**400 W AC Servo Motor** 

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| Basic Motor Parameters |
| Rated Power | W | 400 |
| Rated Speed | rpm | 3000 |
| Rated Torque | Nm | 1.27 |
| Rated Current | A | 2.5 |
| Rated Voltage | V | 220 |
| No-Load Speed | rpm | 3000 |
| Max. Efficiency | % | 90 |
| Electrical Parameters |
| Number of Phases |  | 3 |
| Number of Poles |  | 10 |
| Torque Constant (KT) | Nm/A | 0.809 |
| Back EMF Constant (KE) | Vs/rad | 0.66 |
| Terminal Resistance Phase to Phase (±%10) | mΩ | 2750 |
| Terminal Inductance Phase to Phase (±%30) | mH | 30 |
| Thermal Data |
| Ambient Temperature | °C | -40...+85 |
| Max. Winding Temperature | °C | +155 |
| Physical Parameters |
| Outer Diameter | mm | 60x60 (Square) |
| Shaft Diameter | mm | 14 |
| Max. Lenght | mm | 136 |
| Weight | gr | ~1207 |
| Motor Connection |
| U | GREY |
| V | BROWN |
| W | BLACK |
| Sensor Connection |
| Vcc (+5VDC) | RED |
| GND | BLACK |
| GND | BROWN/BLACK |
| VB | BROWN |
| SD | BLUE |
| SD | BLUE/BLACK |
| BODY GND | GREY |
| SCREEN | - |
| CHASSİS | - |
| Connector Articles |
| Power | CONNECTOR SERVO SOCKET 4P |
| Signal | CONNECTOR SERVO SOCKET 9P |