**750 W AC Servo Motor** 

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| Basic Motor Parameters | | |
| Rated Power | W | 750 |
| Rated Speed | rpm | 3000 |
| Rated Torque | Nm | 2.39 |
| Rated Current | A | 5 |
| Rated Voltage | V | 220 |
| No-Load Speed | rpm | 6000 |
| Max. Efficiency | % | 90 |
| Electrical Parameters | | |
| Number of Phases |  | 3 |
| Number of Poles |  | 10 |
| Torque Constant (KT) | Nm/A | 0.952 |
| Back EMF Constant (KE) | Vs/rad | 0.77 |
| Terminal Resistance Phase to Phase (±%10) | mΩ | 2260 |
| Terminal Inductance Phase to Phase (±%30) | mH | 40 |
| Thermal Data | | |
| Ambient Temperature | °C | -40...+85 |
| Max. Winding Temperature | °C | +155 |
| Physical Parameters | | |
| Outer Diameter | mm | 80x80 (Square) |
| Shaft Diameter | mm | 19 |
| Max. Lenght | mm | 184 |
| Weight | gr | ~2100 |
| 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 | |