**920W 270 V Connector Servo Motor**



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| Basic Motor Parameters |
| Rated Power | W | 920 |
| Rated Speed | rpm | 3600 |
| Rated Torque | Nm | 2.3 |
| Rated Current | A | 4 |
| Rated Voltage | V | 270 |
| No-Load Speed | rpm | 4250 |
| Max. Efficiency | % | 90 |
| Electrical Parameters |
| Number of Phases |  | 3 |
| Number of Poles |  | 10 |
| Torque Constant (KT) | Nm/A | 0,732 |
| Back EMF Constant (KE) | Vs/rad | 0,732 |
| Terminal Resistance Phase to Phase (±%10) | mΩ | 1650 |
| Terminal Inductance Phase to Phase (±%30) | mH | 2.9 |
| Thermal Data |
| Ambient Temperature | °C | -40...+85 |
| Max. Winding Temperature | °C | +155 |
| Physical Parameters |
| Outer Diameter | mm | 70 |
| Shaft Diameter | mm | 10 |
| Max. Lenght | mm | 186.5 |
| Weight | gr | ~2000 |
| Motor Connection |
| Pin 1 | N/A |
| Pin 2 | U |
| Pin 3 | V |
| Pin 4 | W |
| Sensor Connection |
| Pin 1 | GND |
| Pin 2 | +VDC |
| Pin 3 | Z’ |
| Pin 4 | Z |
| Pin 5 | B |
| Pin 6 | B’ |
| Pin 7 | A’ |
| Pin 8 | A |
| Pin 9 | U |
| Pin 10 | V |
| Pin 11 | W |
| Pin 12 | NTC |
| Pin 13 | NTC |
| Connector Articles |
| Power | 2M801-009-07NF9-4PB |
| Signal | 2M801-009-07NF8-13PA |