**1,5 kW 3500 rpm PMSM Motor**

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| Basic Motor Parameters |
| Rated Power | W | 1500 |
| Rated Speed | rpm | 3500 |
| Rated Torque | Nm | 4.12 |
| Rated Current | A | 85 |
| Rated Voltage | V | 24 |
| No-Load Speed | rpm | 3700 |
| Max. Efficiency | % | 83 |
| Electrical Parameters |
| Number of Phases |  | 3 |
| Number of Poles |  | 10 |
| Torque Constant (KT) | Nm/A | 0.049 |
| Back EMF Constant (KE) | Vs/rad | 0.062 |
| Terminal Resistance Phase to Phase (±%10) | mΩ | 2.75 |
| Terminal Inductance Phase to Phase (±%30) | mH | 10 |
| Thermal Data |
| Ambient Temperature | °C | -25...+60 |
| Max. Winding Temperature | °C | +155 |
| Physical Parameters |
| Outer Diameter | mm | 215 |
| Shaft Diameter | mm | 7/16"-20 UNF |
| Max. Lenght | mm | 280  |
| Weight | gr | ~14000 |
| Motor Connection |
| U | BLACK CABLE |
| V | BLACK CABLE |
| W | BLACK CABLE |
| Sensor Connection |
| N/A | N/A |
| Connector Articles |
| Power | N/A |
| Signal | N/A |