**0,55 kW 3000 rpm PMSM Motor** 

|  |
| --- |
| Basic Motor Parameters |
| Rated Power | W | 550 |
| Rated Speed | rpm | 3000 |
| Rated Torque | Nm | 1.75 |
| Rated Current | A | 5.2 |
| Rated Voltage | V | 220 |
| No-Load Speed | rpm | 3300 |
| Max. Efficiency | % | 80 |
| Electrical Parameters |
| Number of Phases |  | 3 |
| Number of Poles |  | 10 |
| Torque Constant (KT) | Nm/A | 1.1 |
| Back EMF Constant (KE) | Vs/rad | 0.9 |
| Terminal Resistance Phase to Phase (±%10) | mΩ | 2.2 |
| Terminal Inductance Phase to Phase (±%30) | mH | 4.5 |
| Thermal Data |
| Ambient Temperature | °C | -40...+85 |
| Max. Winding Temperature | °C | +155 |
| Physical Parameters |
| Outer Diameter | mm | 138 |
| Shaft Diameter | mm | 14 |
| Max. Lenght | mm | 250 |
| Weight | gr | ~3500 |
| Motor Connection |
| U, V, W | M20 Cable Gland |
| Sensor Connection |
| N/A | N/A |
| Connector Articles |
| Power | N/A |
| Signal | N/A |

**220V 550W 3000 rpm GMM PM Motor B5** 

|  |
| --- |
| Basic Motor Parameters |
| Rated Power | W | 550 |
| Rated Speed | rpm | 3000 |
| Rated Torque | Nm | 1.75 |
| Rated Current | A | 5.2 |
| Rated Voltage | V | 220 |
| No-Load Speed | rpm | 3300 |
| Max. Efficiency | % | 80 |
| Electrical Parameters |
| Number of Phases |  | 3 |
| Number of Poles |  | 10 |
| Torque Constant (KT) | Nm/A | 1.1 |
| Back EMF Constant (KE) | Vs/rad | 0.9 |
| Terminal Resistance Phase to Phase (±%10) | mΩ | 2.2 |
| Terminal Inductance Phase to Phase (±%30) | mH | 4.5 |
| Thermal Data |
| Ambient Temperature | °C | -40...+85 |
| Max. Winding Temperature | °C | +155 |
| Physical Parameters |
| Outer Diameter | mm | 138 |
| Shaft Diameter | mm | 14 |
| Max. Lenght | mm | 250 |
| Weight | gr | ~3500 |
| Motor Connection |
| U, V, W | M20 Cable Gland |
| Sensor Connection |
| N/A | N/A |
| Connector Articles |
| Power | N/A |
| Signal | N/A |

**220V 550W 3000 rpm GMM PM Motor B35** 

|  |
| --- |
| Basic Motor Parameters |
| Rated Power | W | 550 |
| Rated Speed | rpm | 3000 |
| Rated Torque | Nm | 1.75 |
| Rated Current | A | 5.2 |
| Rated Voltage | V | 220 |
| No-Load Speed | rpm | 3300 |
| Max. Efficiency | % | 80 |
| Electrical Parameters |
| Number of Phases |  | 3 |
| Number of Poles |  | 10 |
| Torque Constant (KT) | Nm/A | 1.1 |
| Back EMF Constant (KE) | Vs/rad | 0.9 |
| Terminal Resistance Phase to Phase (±%10) | mΩ | 2.2 |
| Terminal Inductance Phase to Phase (±%30) | mH | 4.5 |
| Thermal Data |
| Ambient Temperature | °C | -40...+85 |
| Max. Winding Temperature | °C | +155 |
| Physical Parameters |
| Outer Diameter | mm | 138 |
| Shaft Diameter | mm | 14 |
| Max. Lenght | mm | 250 |
| Weight | gr | ~3500 |
| Motor Connection |
| U, V, W | M20 Cable Gland |
| Sensor Connection |
| N/A | N/A |
| Connector Articles |
| Power | N/A |
| Signal | N/A |