**5kW 2000 rpm PMSM Motor**

taslak, çizim, diyagram, teknik çizim içeren bir resim

Yapay zeka tarafından oluşturulmuş içerik yanlış olabilir.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Basic Motor Parameters | |  |  |  |
| Rated Power | W | 5000 | | |
| Rated Speed | rpm | 2036 | | |
| Rated Torque | Nm | 24 | | |
| Rated Current | A | 115 | | |
| Rated Voltage | V | 48 | | |
| No-Load Speed | rpm | 2100 | | |
| Max. Efficiency | % | 92 | | |
| Electrical Parameters | | | | |
| Number of Phases |  | 3 | | |
| Number of Poles |  | 6 | | |
| Torque Constant (KT) | Nm/A | 0.20 | | |
| Back EMF Constant (KE) | Vs/rad | 0.19 | | |
| Terminal Resistance Phase to Phase (±%10) | mΩ | 11.92 | | |
| Terminal Inductance Phase to Phase (±%30) | mH | 0.103 | | |
| Thermal Data | | | | |
| Ambient Temperature | °C | -40...+85 | | |
| Max. Winding Temperature | °C | +155 | | |
| Physical Parameters | | | | |
| Outer Diameter | mm | 214 | | |
| Shaft Diameter | mm | 25 | | |
| Max. Lenght | mm | 285 | | |
| Weight | gr | ~20000 | | |
| Motor Connection | | | | |
| U | SIHO-S55 CABLE | | | |
| V | SIHO-S55 CABLE | | | |
| W | SIHO-S55 CABLE | | | |
| Sensor Connection | | | | |
| N/A | N/A | | | |
| Connector Articles | | | | |
| Power | N/A | | | |
| Signal | N/A | | | |