**100W Frameless BLDC Motor**

diyagram, taslak, teknik çizim, metin içeren bir resim

Yapay zeka tarafından oluşturulmuş içerik yanlış olabilir.

|  |  |  |
| --- | --- | --- |
| Basic Motor Parameters | | |
| Rated Power | W | 100 |
| Rated Speed | rpm | 7000 |
| Rated Torque | Nm | 0.14 |
| Rated Current | A | 3.78 |
| Rated Voltage | V | 28 |
| No-Load Speed | rpm | 9853 |
| Max. Efficiency | % | 90 |
| Electrical Parameters | | |
| Number of Phases |  | 3 |
| Number of Poles |  | 8 |
| Torque Constant (KT) | Nm/A | 0.027 |
| Back EMF Constant (KE) | Vs/rad | 0.029 |
| Terminal Resistance Phase to Phase (±%10) | mΩ | 250 |
| Terminal Inductance Phase to Phase (±%30) | mH | 130 |
| Thermal Data | | |
| Ambient Temperature | °C | -40...+85 |
| Max. Winding Temperature | °C | +155 |
| Physical Parameters | | |
| Outer Diameter | mm | 32.78 |
| Shaft Diameter | mm | 5 |
| Max. Lenght | mm | 74 |
| Weight | gr | 330 |
| Motor Connection | | |
| U | Black (Left) | |
| V | Black (Middle) | |
| W | Black (Right) | |
| Sensor Connection | | |
| N/A | N/A | |
| Connector Articles | | |
| Power | N/A | |
| Signal | N/A | |