**40 W Gearbox Integrated BLDC Motor**

diyagram, taslak, teknik çizim, plan içeren bir resim

Yapay zeka tarafından oluşturulmuş içerik yanlış olabilir.

|  |  |  |
| --- | --- | --- |
| Basic Motor Parameters | | |
| Rated Power | W | 40 |
| Rated Speed | rpm | 7500 |
| Rated Torque | Nm | 0,05 |
| Rated Current | A | 2 |
| Rated Voltage | V | 24 |
| No-Load Speed | rpm | 9000 |
| Max. Efficiency | % | 90 |
| Electrical Parameters | | |
| Number of Phases |  | 3 |
| Number of Poles |  | 8 |
| Torque Constant (KT) | Nm/A | 0.024 |
| Back EMF Constant (KE) | Vs/rad | 0.025 |
| Terminal Resistance Phase to Phase (±%10) | mΩ | 1200 |
| Terminal Inductance Phase to Phase (±%30) | mH | 0,26 |
| Thermal Data | | |
| Ambient Temperature | °C | -40...+85 |
| Max. Winding Temperature | °C | +155 |
| Physical Parameters | | |
| Outer Diameter | mm | 32 |
| Shaft Diameter | mm | 8 |
| Max. Lenght | mm | 130.2 |
| Weight | gr | ~231 |
| Motor Connection | | |
| U | RED CABLE | |
| V | WHITE CABLE | |
| W | BLACK CABLE | |
| Sensor Connection | | |
| BLUE | VDC+ | |
| GREEN | GND | |
| BROWN | HALL A | |
| ORANGE | HALL B | |
| YELLOW | HALL C | |
| Connector Articles | | |
| Power | N/A | |
| Signal | N/A | |