

| Parameter                               | Unit      | Configuration 1 |
|-----------------------------------------|-----------|-----------------|
| Winding method                          | Delta / Y | Y               |
| Rated voltage                           | V         | 48              |
| Driver board model                      | /         | GDZ468H         |
| Voltage Range                           | V         | 12~36           |
| Rated Power                             | W         | 211.68          |
| Rated torque                            | N.M       | 35.5            |
| Peak torque                             | N.M       | 133.5           |
| Rated Speed after reduction             | RPM       | 41              |
| Max Speed after reduction               | RPM       | 51              |
| Rated current                           | A         | 4.41            |
| Peak current                            | A         | 20.2            |
| Phase-to-phase resistance               | ohm       | 0.735           |
| Phase-to-phase inductance               | mH        | 0.371           |
| Speed constant                          | rpm/v     | 1.0625          |
| Torque constant                         | N.M/A     | 7.1             |
| Number of pole pairs                    | Pairs     | 21              |
| Gear ratio                              | /         | 48:1            |
| Gear type                               | /         | Planetary       |
| Reducer gear material                   | /         | STEEL           |
| Reducer gear backlash                   | arcmin    | 15              |
| Motor weight without driver             | g         | 762.4           |
| Motor weight with driver                | g         | 780.4           |
| Size without Driver                     | mm        | Dia. 92 x 62    |
| Size with Driver                        | mm        | Dia. 92 x 73    |
| Max. axial load                         | N         | 225             |
| Max. radial load                        | N         | 900             |
| Noise                                   | dB        | <60             |
| Communication                           | /         | CAN & 485       |
| Second encoder on output shaft          | /         | YES             |
| Protection grade                        | /         | IP54            |
| Working temperature                     | deg C     | -20~+80         |
| Resolution of the encoder on the driver | Bit       | 14bit           |
| Can support separate encoder or not     | /         | NO              |
| Can support custom brakes               | /         | YES             |