

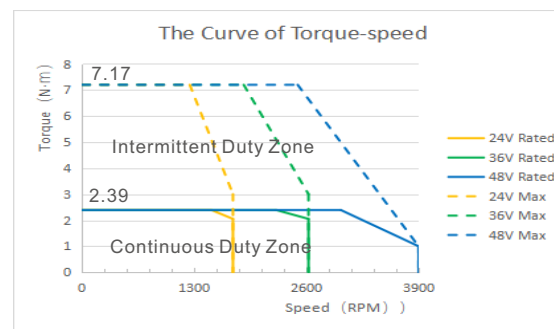
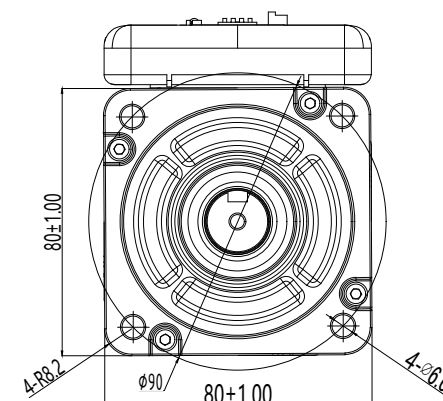
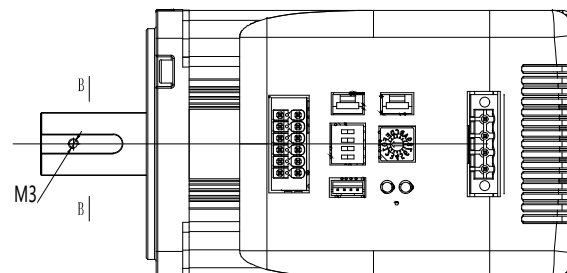
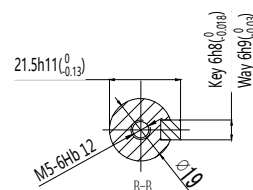
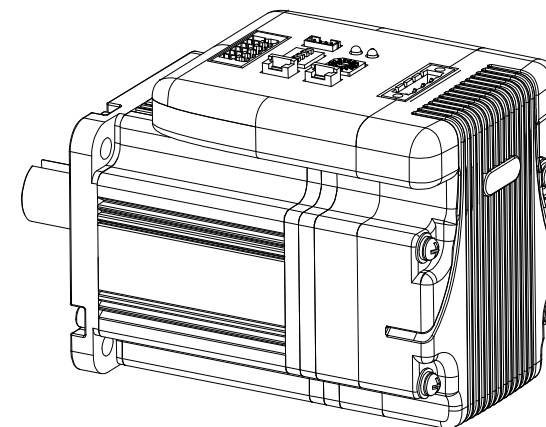
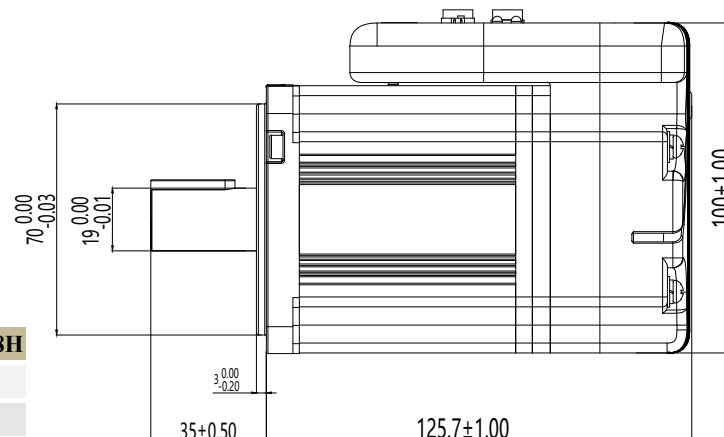
## Basic specification

- ✧ Frame size : 80mm
- ✧ Voltage input: 24-60Vdc
- ✧ Encoder : 17bit incremental
- ✧ Motor without brake
- ✧ 2.5 – 3 times overload
- ✧ 4 programmable input
- ✧ 2 programmable output
- ✧ RS232 for configuration

| Part Number                  | iSV2-CAN8075V48H                 |
|------------------------------|----------------------------------|
| Rated Power(W)               | 750                              |
| Rated Torque(Nm)             | 2.39                             |
| Peak Torque(Nm)              | 7.17                             |
| Rated Speed(rpm)             | 3000                             |
| Peak Speed(rpm)              | 3900                             |
| Rated Voltage(Vdc)           | 48                               |
| Weight(kg)                   | 2.52                             |
| Inertia(Kg.cm <sup>2</sup> ) | 0.58                             |
| Torque(Nm/A)                 | 0.127                            |
| Input Voltage(V)             | 24~60                            |
| Continuous Current(Arms)     | 19                               |
| Peak Current(A)              | 57                               |
| Logic Signal Current(mA)     | 10                               |
| Isolation Resistance(MΩ)     | 100                              |
| Protection Level             | IP54 for motor<br>IP20 for drive |

## CANopen Communication

- ✧ Link Layer Protocol : CAN Field-bus
- ✧ Application Layer Protocol : CANopen Protocol
- ✧ CAN-ID type : CAN 2.0A
- ✧ Communication Rate : 1M/500k/250k/100k/50k/20k bit/s
- ✧ Sub-protocol : DS301 V4.02 , DSP 402 V2.0
- ✧ PDO Transmission Modes :
  - Time trigger/event trigger/asynchronization/synchronization
- ✧ Control mode :
  - Profile position, Profile velocity, Profile torque, homing



Leadshine Technology Co., Ltd

**iSV2-CAN8075V48H**

Integrated servo motor **CANopen**

48V/750Watt/80mm/2.39Nm/No brake