

DWG. NO. 900-131-217

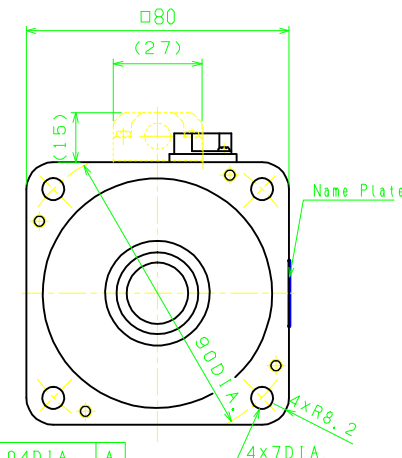
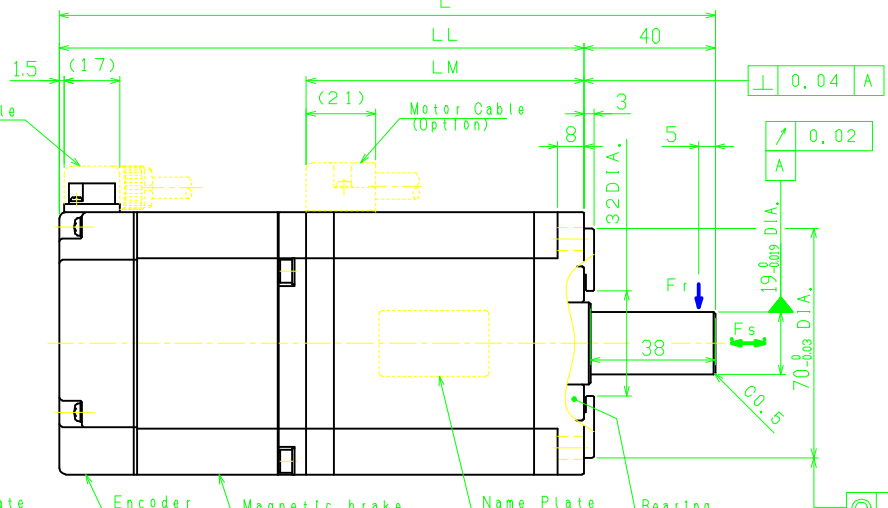
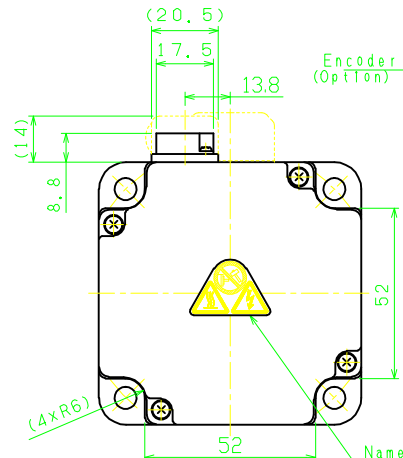
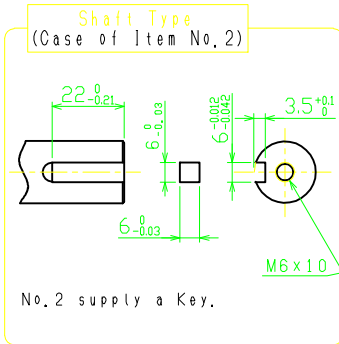
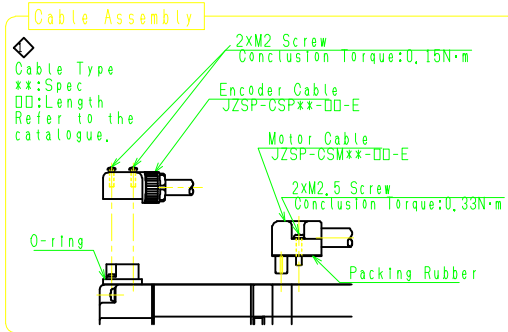
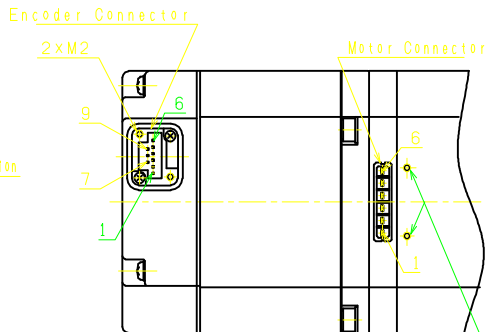


Encoder Terminal Connection

|           |              |
|-----------|--------------|
| 1         | -            |
| 2         | -            |
| 3         | PGOV         |
| 4         | PS           |
| 5         | *PS          |
| 6         | PG5V         |
| 7         | -            |
| 8         | OBAT         |
| 9         | BAT          |
| Con. Case | Frame Ground |

Motor Terminal Connection

|   |              |
|---|--------------|
| 1 | Frame Ground |
| 2 | Phase W      |
| 3 | Phase V      |
| 4 | Phase U      |
| 5 | Brake        |
| 6 | Brake        |



- Notes)
1. Motor Specifications :900-013-718
  2. Encoder Specifications:900-013-878 (20bit Absolute)
  3. Motor cable and encoder cable are not packed.
  4. Please check the document (SAFETY PRECAUTIONS) packed with product before using motor. Please pay attention to usage of motor.
  5. Magnetic brake must be used for only position holding.
  6. Degrees of Protection:IP65 (Case of our standard cable attaching) Except for drive end side.
  7. At the time of delivery of motor, each of connectors are attached protective parts. Please remove them before cable attaching.
  8. Do not touch each of the connector pins directly. It cause failure.
  9. Please do not apply this motor to machine export to Japan.
  10. All dimensions are in millimeters.

| Item No. | Type          | Shaft Type | L (mm) | LL (mm) | LM (mm) | Weight (kg) | Voltage (Vrms) | Rated Output (W) | Rated Torque (N·m) | Rated Armature Current (Arms) | Rated Rotation Speed (min <sup>-1</sup> ) | Thermal Class | Time Rating | Allowable Radial Load Fr(N) | Allowable Thrust Load Fs(N) |
|----------|---------------|------------|--------|---------|---------|-------------|----------------|------------------|--------------------|-------------------------------|---|---------------|-------------|-----------------------------|-----------------------------|
| 1        | SGMJV-08A3M2C | Straight   | 200    | 160     | 85      | 3.6         | 200 (3 Phase)  | 750              | 2.39               | 4.7                           | 3000                                      | B             | CONT.       | 392                         | 147                         |
| 2        | SGMJV-08A3M6C | Key+Tap    |        |         |         |             |                |                  |                    |                               |   |               |             |                             |                             |



DRAW. H. Abe  
CHECK T. Hirose  
APPR. K. Aoki

TITLE AC SERVOMOTOR Σ-V SERIES

DATE May. 15, '13  
DWG. NO.

REV. 1

SGMJV TYPE 750W

900-131-217

SIZE A3