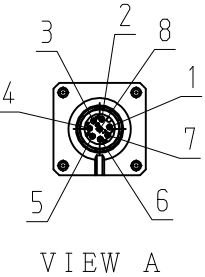


| HOLDING BRAKE SPECIFICATIONS | | | |
|--|-------------------------|-------------------|-----------------|
| MOMENT OF INERTIA GD ² /4 (kg·m ²) | HOLDING TORQUE (N·m) | RATED VOLTAGE | CAPACITY (W) |
| 37.5×10 ⁻⁴ | 114.6 | DC24V (0~+10%) | 35 |

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. MOTOR SPECIFICATIONS : 900-172-590
3. ENCODER SPECIFICATIONS: 900-193-532 (24BIT ABSOLUTE)
4. HOLDING BRAKE CANNOT BE USED TO STOP MOTOR.
5. VIBRATION : 15μm OR BELOW AT RATED SPEED.
6. PLUGS AND CABLE CLAMPS ARE OPTIONAL.
7. READ AND UNDERSTAND DOCUMENT PACKED WITH MOTOR (SAFETY PRECAUTIONS), AND BE CAREFUL USING MOTOR.
8. DEGREES OF PROTECTION: IP67 EXCEPT FOR SHAFT OPENING. MUST USE SPECIFIED CONNECTORS FOR MOTOR.
9. DO NOT TOUCH EACH OF CONNECTOR PINS DIRECTLY. IT CAUSE FAILURE.
10. IN CASE OF MOUNTING THIS MOTOR HORIZONTAL, TO PLACE THE CONNECTOR DOWN IS RECOMMENDABLE.
11. USE HEXAGON SOCKET HEAD CAP SCREWS FOR MOUNTING MOTOR.
12. MOTOR CONNECTOR COULD BE TURNED IN THE RANGE OF ☆ WITHIN 10 TIMES.

ENCODER TERMINAL CONNECTION

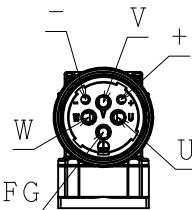
| | |
|-----------|--------------|
| 1 | PG5V |
| 2 | PG0V |
| 3 | FRAME GROUND |
| 4 | BAT (+) |
| 5 | BAT (-) |
| 6 | DATA (+) |
| 7 | DATA (-) |
| 8 | - |
| CON. CASE | FRAME GROUND |



VIEW A

MOTOR TERMINAL CONNECTION

| | |
|-----------|--------------|
| U | PHASE U |
| V | PHASE V |
| W | PHASE W |
| + | BRAKE |
| - | BRAKE |
| FG | FRAME GROUND |
| CON. CASE | FRAME GROUND |







VIEW B

RECEPTACLE SIZE:M40
HOUSING:SM-5EPWN8AAD00S
MAKER:PHOENIX CONTACT

RECEPTACLE SIZE:M12
HOUSING:SACC-MSQ-M12MS-25-3, 2 SCO
MAKER:PHOENIX CONTACT

| TYPE | RATED OUTPUT kW | RATED TORQUE N·m | TIME RATING | RATED SPEED min ⁻¹ | VOLTAGE V _{rms} | RATED CURRENT A _{rms} | THERMAL CLASS | WEIGHT kg | ALLOWABLE RADIAL LOAD Fr N | ALLOWABLE THRUST LOAD Fr N |
|---------------|--------------------|---------------------|-------------|----------------------------------|-----------------------------|-----------------------------------|---------------|--------------|-------------------------------|-------------------------------|
| SGM7G-1ED7F6H | 15 | 95.4 | CONT. | 1500 | 400 (3PHASE) | 37.2 | F | 79.5 | 4998 (AT SHAFT END) | 2156 |

| | | | | | | | | | | | |
|---|---|--|---|-------------|-----------|-------|--------------------------|------------|-------------|------|---|
| F |  |  |  | DRWN. | H. SBKI | TITLE | AC SERVOMOTOR Σ-7 SERIES | DRWN. DATE | 17-02-15 | REV. |  |
| | | | | CHKD. | K. INOUE | | SGM7G MODEL 15kW | DWG. NO. | 900-204-467 | | |
| | | | | APRV. | T. HIROSE | | | | | | |
| | | | | SCALE 1 : 5 | | | | | | | |