



|                             |              |                           |              |                     |              |                         |     |                       |       |      |              |              |              |             |                     |         |               |               |        |                       |                       |
|-----------------------------|--------------|---------------------------|--------------|---------------------|--------------|-------------------------|-----|-----------------------|-------|------|--------------|--------------|--------------|-------------|---------------------|---------|---------------|---------------|--------|-----------------------|-----------------------|
| ENCODER TERMINAL CONNECTION |              | MOTOR TERMINAL CONNECTION |              | RECEPTACLE SIZE:M23 |              | HOUSING:SF-5EP1N8AAD00S |     | MAKER:PHOENIX CONTACT |       | TYPE |              | RATED OUTPUT | RATED TORQUE | TIME RATING | RATED SPEED         | VOLTAGE | RATED CURRENT | THERMAL CLASS | WEIGHT | ALLOWABLE RADIAL LOAD | ALLOWABLE THRUST LOAD |
| 1                           | PG5V         | 1                         | PHASE V      | 1                   | PHASE V      | 1                       | 5.0 | 15.8                  | CONT. | 3000 | 400 (3PHASE) | 13.8         | F            | 17.0        | 1176 (AT SHAFT END) | 392     |               |               |        |                       |                       |
| 2                           | PG0V         | 2                         | -            | 2                   | -            | 2                       |     |                       |       |      |              |              |              |             |                     |         |               |               |        |                       |                       |
| 3                           | FRAME GROUND | 3                         | -            | 3                   | -            | 3                       |     |                       |       |      |              |              |              |             |                     |         |               |               |        |                       |                       |
| 4                           | BAT (+)      | 4                         | PHASE U      | 4                   | PHASE U      | 4                       |     |                       |       |      |              |              |              |             |                     |         |               |               |        |                       |                       |
| 5                           | BAT (-)      | 5                         | PHASE W      | 5                   | PHASE W      | 5                       |     |                       |       |      |              |              |              |             |                     |         |               |               |        |                       |                       |
| 6                           | DATA (+)     | 6                         | FRAME GROUND | 6                   | FRAME GROUND | 6                       |     |                       |       |      |              |              |              |             |                     |         |               |               |        |                       |                       |
| 7                           | DATA (-)     | 7                         | FRAME GROUND | 7                   | FRAME GROUND | 7                       |     |                       |       |      |              |              |              |             |                     |         |               |               |        |                       |                       |
| 8                           | -            | 8                         | CON. CASE    | 8                   | CON. CASE    | 8                       |     |                       |       |      |              |              |              |             |                     |         |               |               |        |                       |                       |
| CON. CASE                   | FRAME GROUND | CON. CASE                 | FRAME GROUND | CON. CASE           | FRAME GROUND | CON. CASE               |     |                       |       |      |              |              |              |             |                     |         |               |               |        |                       |                       |

RECEPTACLE SIZE:M12

HOUSING:SACC-MSQ-M12MS-25-3, 2 SCO

MAKER:PHOENIX CONTACT

RECEPTACLE SIZE:M23

HOUSING:SF-5EP1N8AAD00S

MAKER:PHOENIX CONTACT

TYPE

RATED OUTPUT kW

RATED TORQUE N·m

TIME RATING

RATED SPEED min<sup>-1</sup>

VOLTAGE V<sub>rms</sub>

RATED CURRENT A<sub>rms</sub>

THERMAL CLASS

WEIGHT kg

ALLOWABLE RADIAL LOAD F<sub>r</sub> N

ALLOWABLE THRUST LOAD F<sub>s</sub> N

SGM7A-50D7F6F

5.0

15.8

CONT.

3000

400 (3PHASE)

13.8

F

17.0

1176 (AT SHAFT END)

392

DRWN H. KATO

CHKD T. HIROSE

APRV K. AOKI

TITLE AC SERVOMOTOR Σ-7 SERIES

SGM7A MODEL 5.0kW

DRWN. DATE Oct. 19' 15

DWG. NO. 900-185-974

REV.

SCALE 1 : 3

YASKAWA

SIZE A3