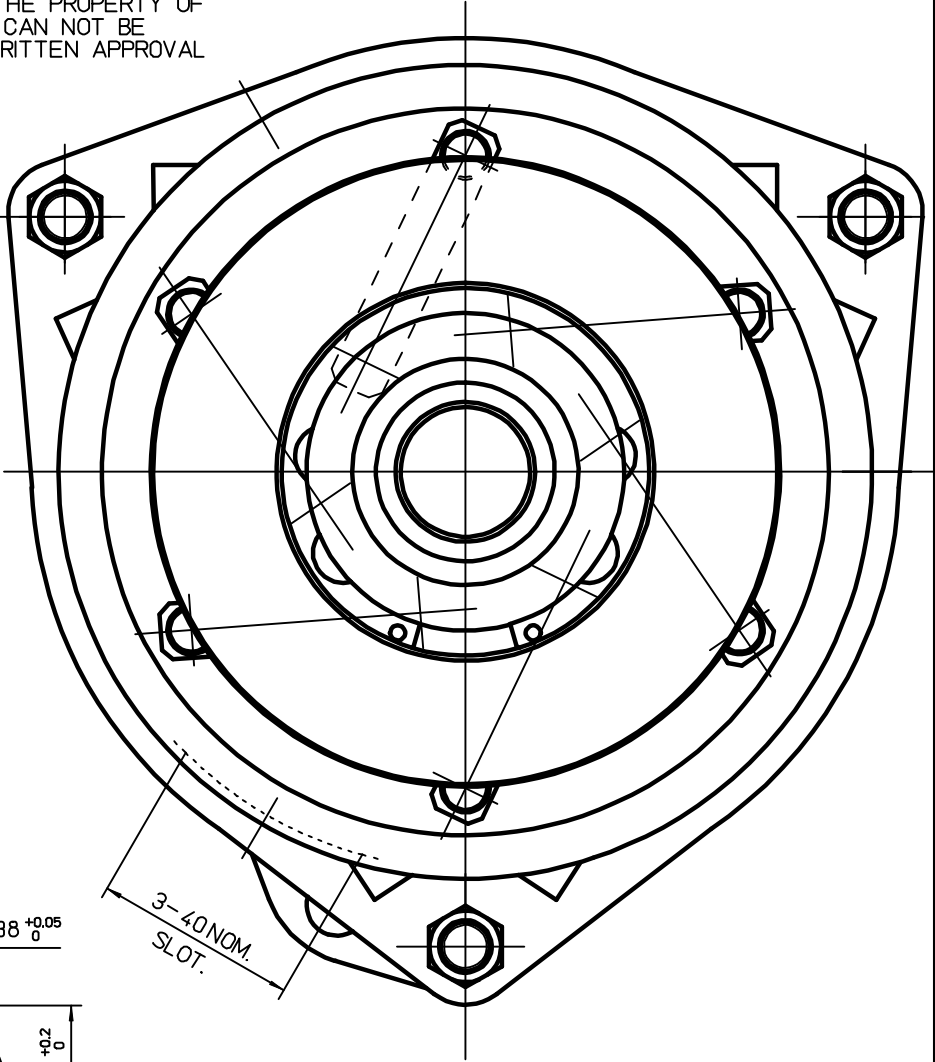
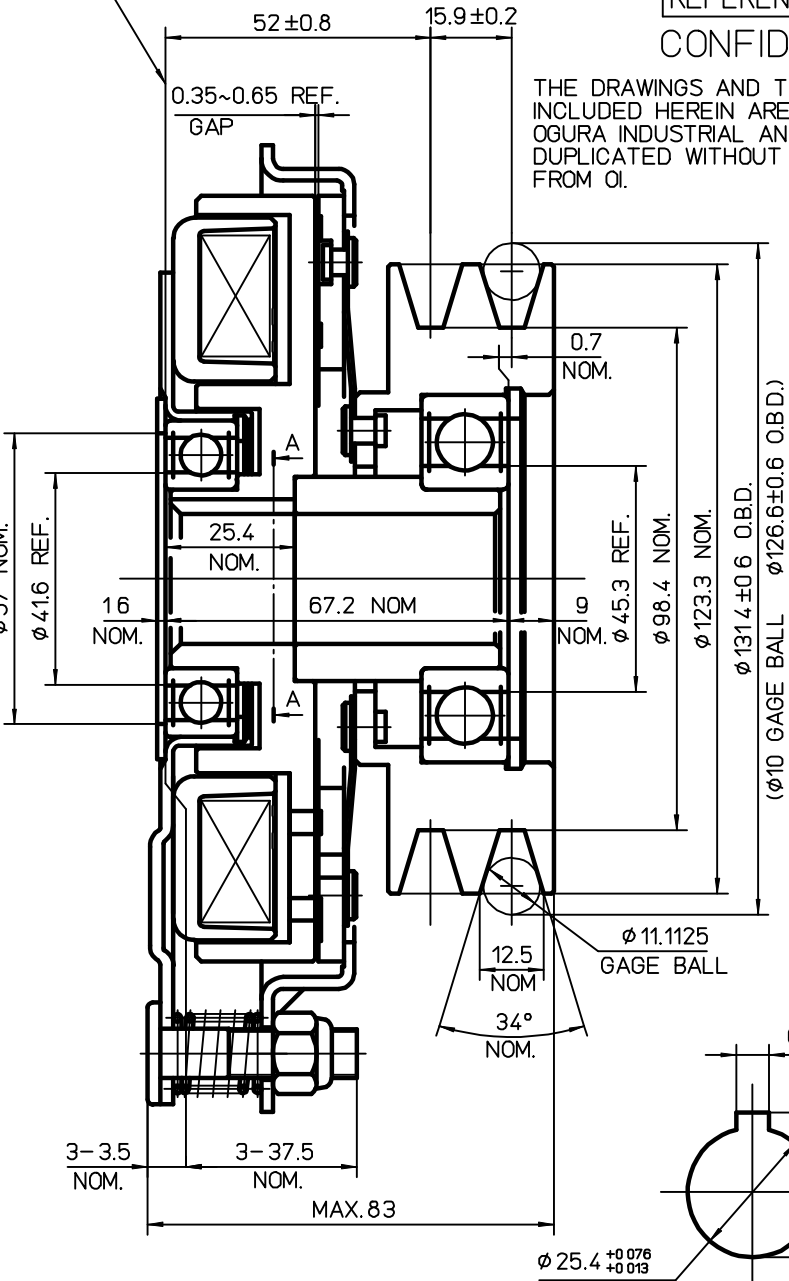
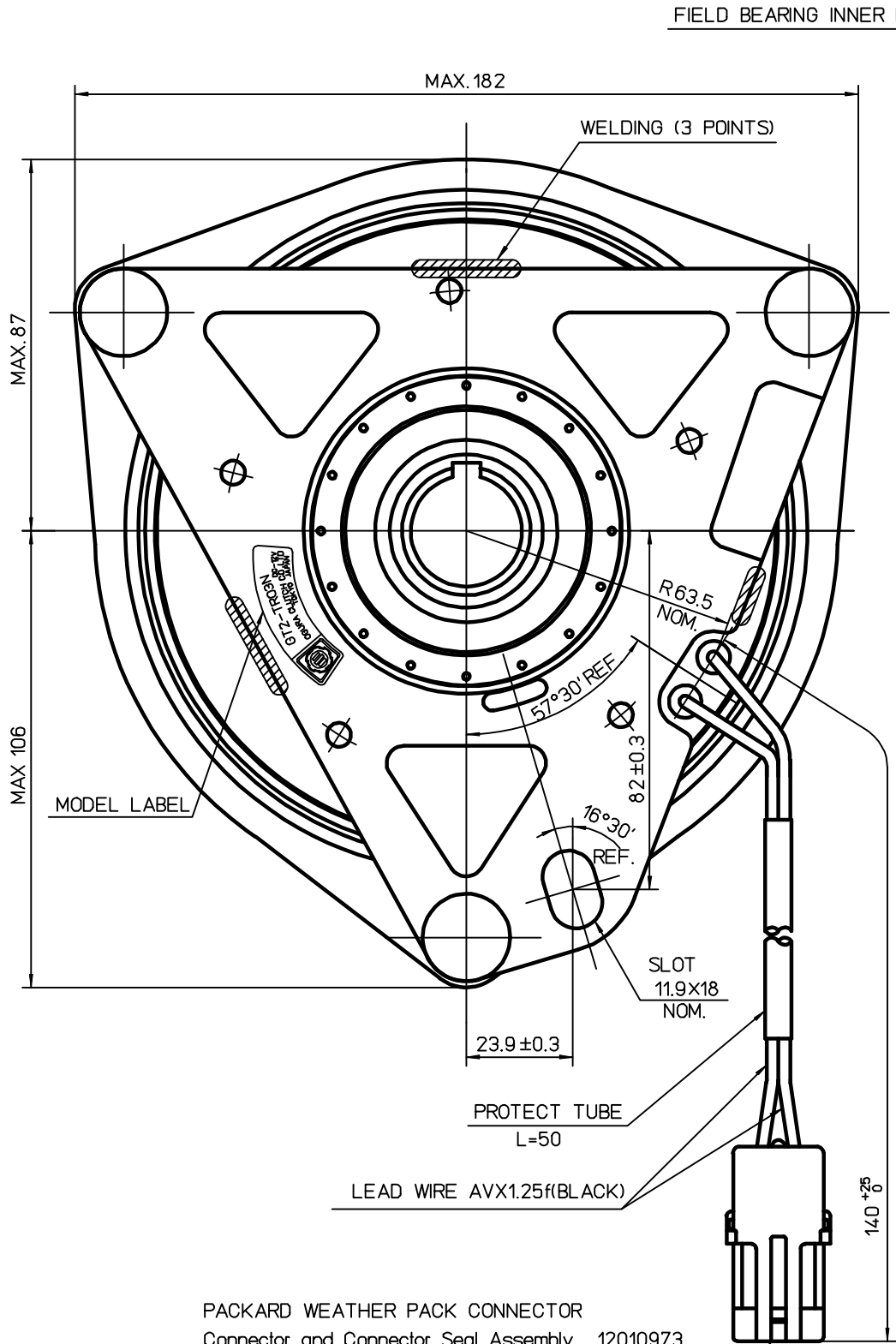


| REV | REVISION STATUS | NOTE | DATE | CHG | BY | CHK | BY |
|-----|-----------------|------|------|-----|----|-----|----|
| △   |                 |      |      |     |    |     |    |
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ROTATION  
ROTOR INPUT.



PACKARD WEATHER PACK CONNECTOR  
Connector and Connector Seal Assembly.....12010973  
Terminals.....12124582  
Cable Seals.....12015284

|                  | Friction surface |
|------------------|------------------|
| Field rotor assy | Coated           |
| Armature assy    | None-coated      |

| SPECIFICATIONS (at 20°C) |               |
|--------------------------|---------------|
| EXCITING VOLTAGE         | D.C. 12 V     |
| POWER CONSUMPTION        | MAX. 50 W     |
| STATIC CLUTCH TORQUE     |               |
| INITIAL                  | MIN. 59 N·m   |
| FINAL NOMINAL            | 147 N·m       |
| STATIC BRAKE TORQUE      |               |
| INITIAL                  | MIN. 15 N·m   |
| FINAL NOMINAL            | 3 N·m         |
| MIN PULL IN VOLTAGE      | D.C. 8 V      |
|                          | (COPPER COIL) |

NOTES  
1 Airgaps must be adjusted when coilsprings and airgap adjustment nuts are incorporated into the clutch/brake at the assembly.

|                                                          |                                      |         |                          |                                |                  |                                                |
|----------------------------------------------------------|--------------------------------------|---------|--------------------------|--------------------------------|------------------|------------------------------------------------|
| SURFACE<br>ROUGHNESS<br>UNLESS<br>OTHERWISE<br>SPECIFIED | GENERAL<br>TOLERANCE<br>FOR CLASS 14 |         | WORKING PROCESS          | APPROVED BY <i>E. Maejima</i>  | DATE Oct 19 2005 | SIZE<br><b>A2</b><br><br>SCALE<br><b>1 / 1</b> |
|                                                          |                                      |         |                          | CHECKED BY <i>K. Busagawa</i>  | DATE Oct 18 2005 |                                                |
|                                                          |                                      |         |                          | DESIGNED BY <i>N. Suganaka</i> | DATE Oct 18 2005 |                                                |
|                                                          |                                      |         |                          | DRAWN BY <i>S. Shimura</i>     | DATE Oct 17 2005 |                                                |
|                                                          |                                      |         |                          | CUSTOMER                       |                  |                                                |
| ▽ 50S                                                    | OVER 0.5 TO 6                        | ± 0.1   | MATERIAL                 | TORO COMPANY                   |                  |                                                |
| ▽▽ 25S                                                   | 6 30                                 | ± 0.2   | MATERIAL<br>CODE         | MODEL                          |                  |                                                |
| ▽▽▽ 6S                                                   | 30 120                               | ± 0.3   | MATERIAL<br>SIZE         | GT2-TRO3N                      |                  |                                                |
| ▽▽▽ <sup>a</sup> 3S                                      | 120 315                              | ± 0.5   | HEAT<br>TRTMT 0          | ASSY NO                        |                  |                                                |
| ▽▽▽▽ 0.8S                                                | 315 1000                             | ± 0.8   | SURFACE<br>TRTMT 0       | NAME                           |                  |                                                |
| HISTORY<br>52870400                                      |                                      |         | PARTS<br>CODE 5913100000 | MAGNETIC CLUTCH & BRAKE        |                  |                                                |
| ISSUE NO                                                 |                                      | PLANT 2 | OGURA CLUTCH Co.,LTD.    | DWG NO                         |                  |                                                |
| ISSUE DATE                                               |                                      |         |                          | 52870400                       |                  |                                                |