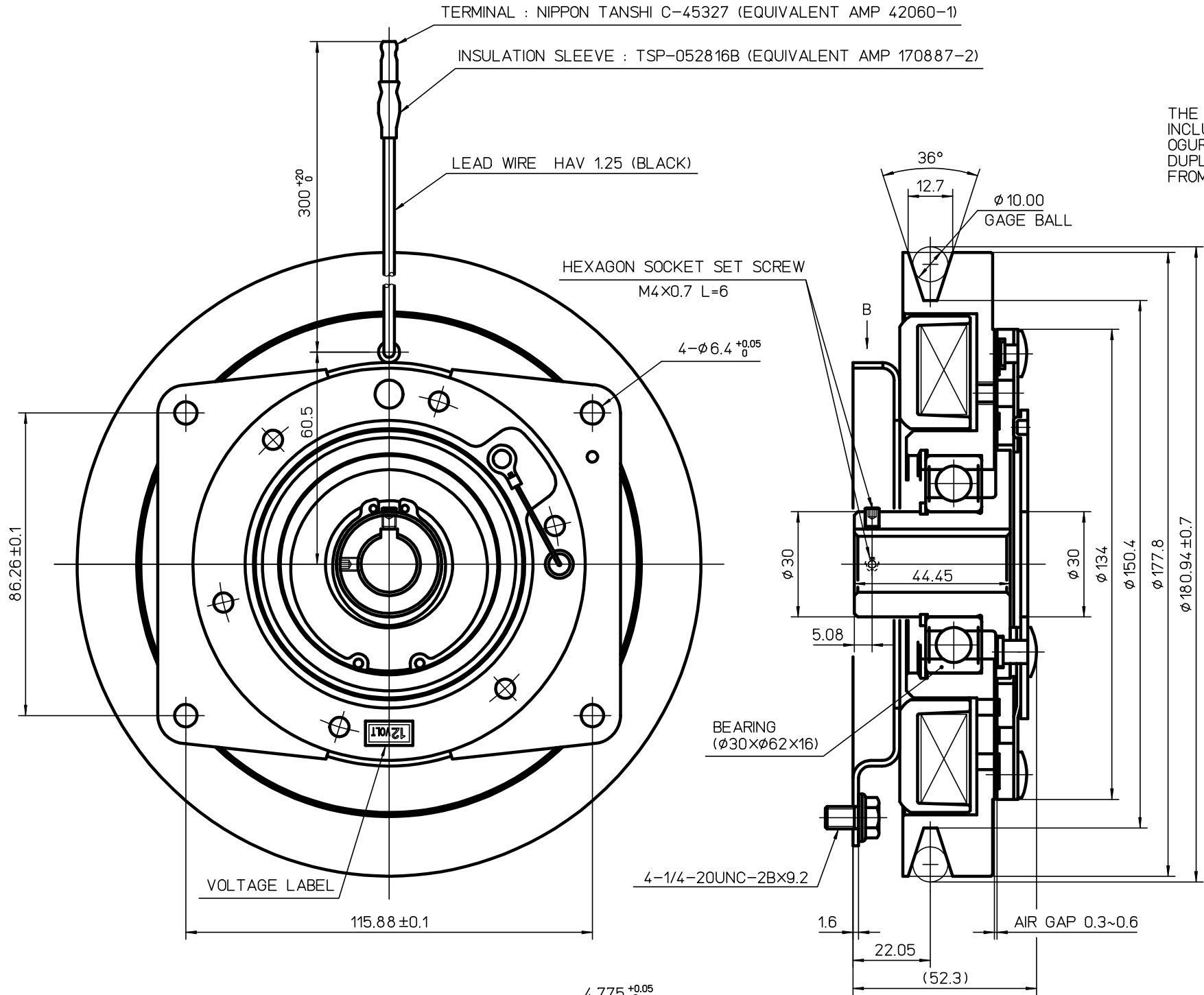


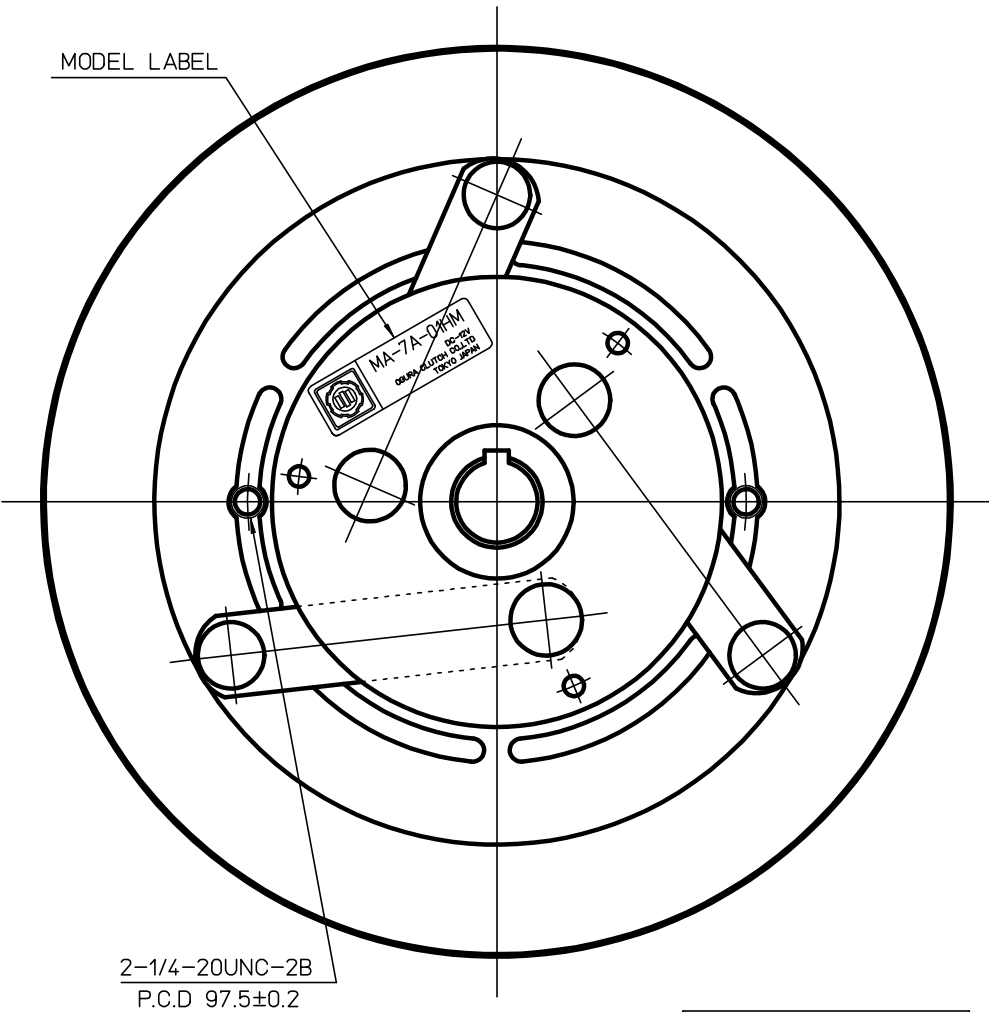
| REV | REVISION STATUS | NOTE | DATE | CHK BY | CHK BY |
|-----|-----------------|------|------|--------|--------|
| △   |                 |      |      |        |        |
| △   |                 |      |      |        |        |
| △   |                 |      |      |        |        |

REFERENCE ONLY  
CONFIDENTIAL

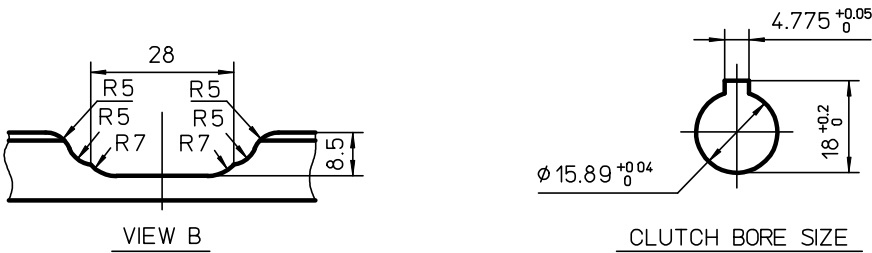
THE DRAWINGS AND TECHNICAL INFORMATION INCLUDED HEREIN ARE THE PROPERTY OF OGURA INDUSTRIAL AND CAN NOT BE DUPLICATED WITHOUT WRITTEN APPROVAL FROM OI.



MODEL LABEL



|               | Friction surface treatment |
|---------------|----------------------------|
| Rotor assy    | None-coated                |
| Armature assy | None-coated                |



NOTE  
Hex-chrome free zinc plating : 3MFZn8 (Rivet and Bolt : 3MFZn5)

- SPECIFICATIONS(at 20°C)
- EXCITING VOLTAGE : D.C.12 V
  - POWER CONSUMPTION : MAX.43.3 W
  - STATIC TORQUE
- INITIAL : 39 N·m
- FINAL : NOMINAL 101 N·m
- (ALUMINUM COIL)

|                                                          |                                      |                       |                             |                  |                |
|----------------------------------------------------------|--------------------------------------|-----------------------|-----------------------------|------------------|----------------|
| SURFACE<br>ROUGHNESS<br>UNLESS<br>OTHERWISE<br>SPECIFIED | GENERAL<br>TOLERANCE<br>FOR CLASS 14 | WORKING PROCESS       | APPROVED BY <i>M. Hata</i>  | DATE Dec.06.2007 | SIZE <b>A2</b> |
| $\nabla$ 50S                                             | RANGE 0.5 TO 6 $\pm 0.1$             | MATERIAL              | CHECKED BY <i>K.B.N.S</i>   | DATE Dec.06.2007 | SCALE 1/1      |
| $\nabla$ 25S                                             | 6 30 $\pm 0.2$                       | MATERIAL CODE         | DESIGNED BY <i>v.iizuka</i> | DATE Dec.06.2007 |                |
| $\nabla$ 12.5S                                           | 30 120 $\pm 0.3$                     | MATERIAL SIZE         | DRAWN BY <i>s.shimura</i>   | DATE Dec.04.2007 |                |
| $\nabla$ 6.3S                                            | 120 315 $\pm 0.5$                    | HEAT TRTMT 0          | CUSTOMER                    |                  |                |
| $\nabla$ 3.15S                                           | 315 1000 $\pm 0.8$                   | SURFACE TRTMT 0       | MODEL                       |                  |                |
| HISTORY                                                  | 53310300                             | PARTS CODE 5113100000 | MA-7A-01HM                  |                  |                |
| ISSUE NO                                                 | PLANT 2                              | ISSUE DATE            | ASSY NO                     |                  |                |
|                                                          |                                      |                       | NAME                        |                  |                |
|                                                          |                                      |                       | MAGNETIC CLUTCH             |                  |                |
|                                                          |                                      |                       | DWG NO                      |                  |                |
|                                                          |                                      |                       | OGURA CLUTCH Co.,LTD.       |                  |                |
|                                                          |                                      |                       | 53310300                    |                  |                |