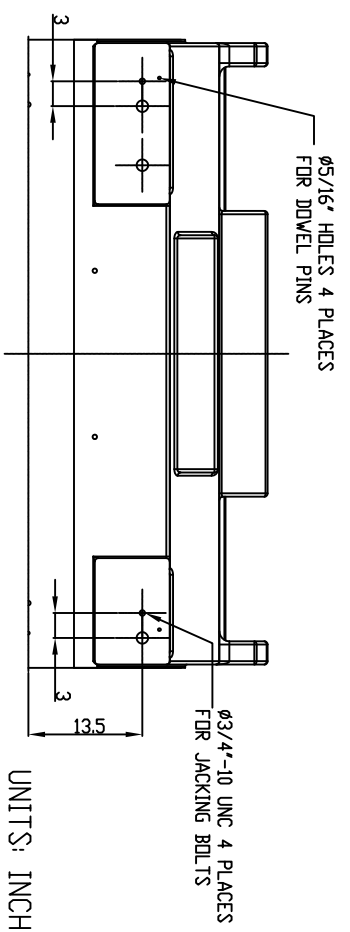
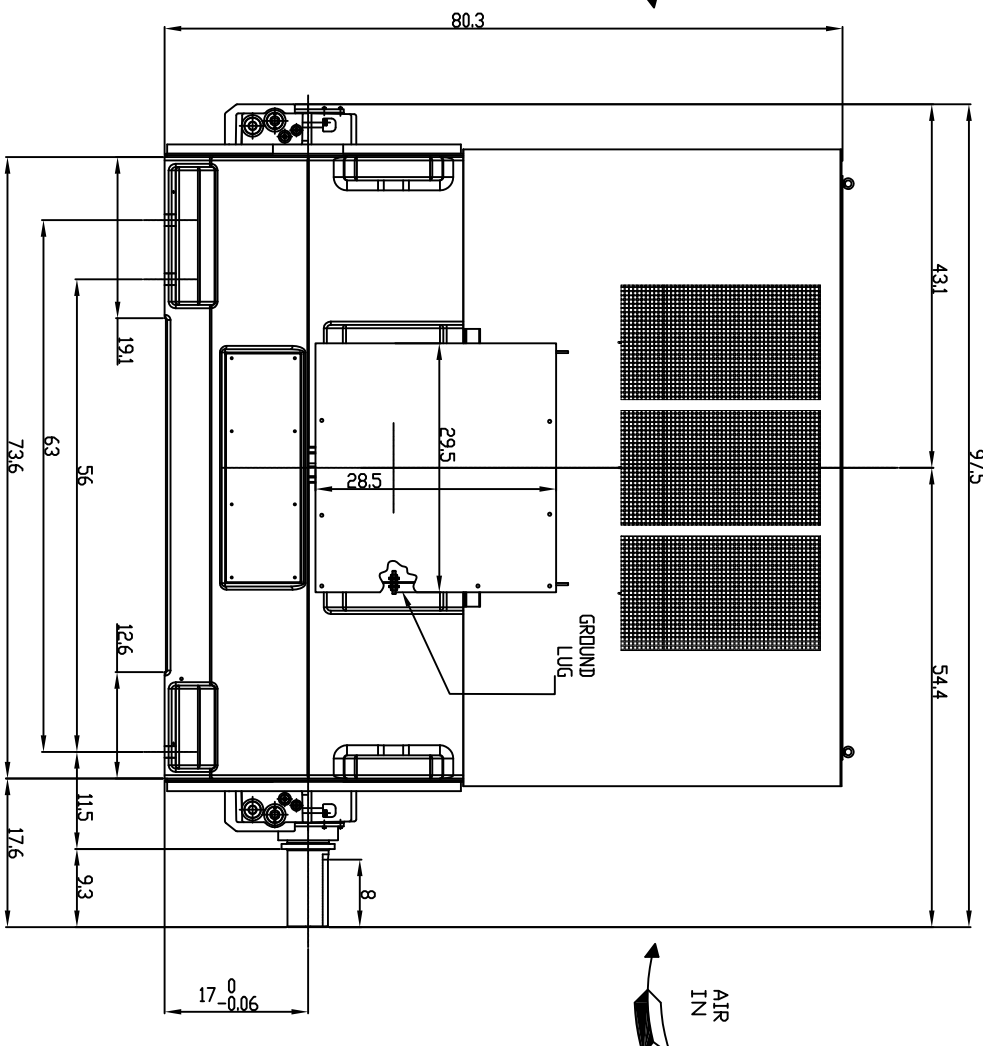
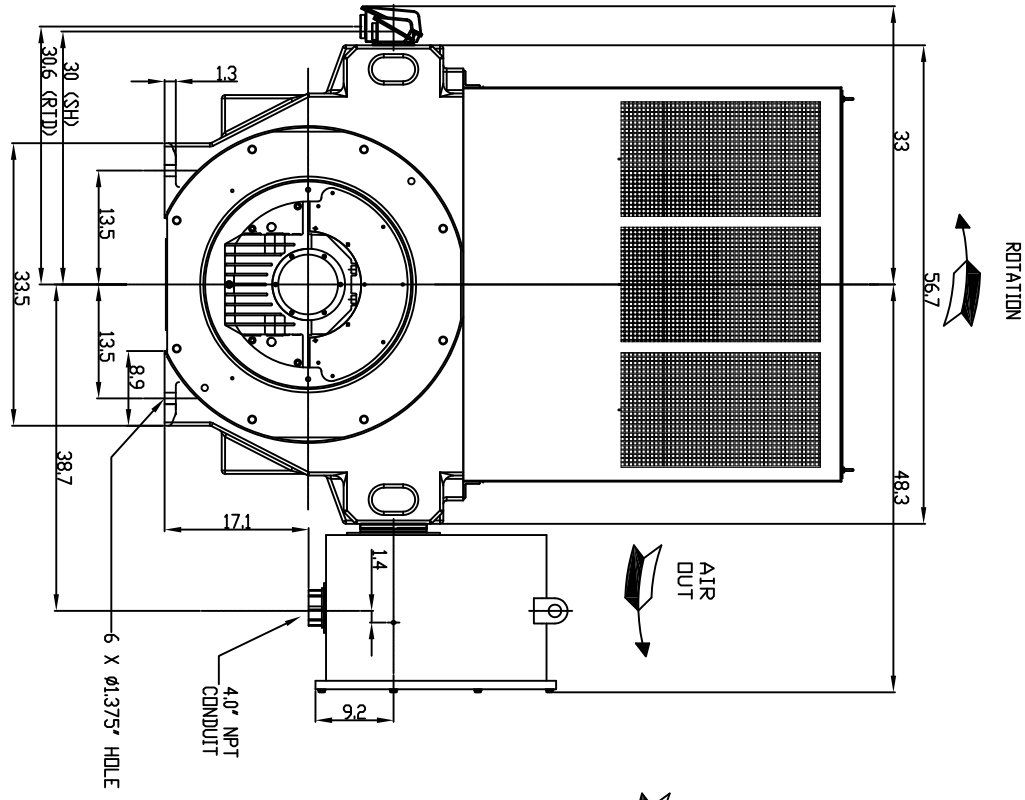


**TECHNICAL INFORMATION**

1. BEARING LUBRICATION DE: TURBINE OIL ISO VG32  
ODE: TURBINE OIL ISO VG32
2. BEARING TYPE DE: M11-125 INS  
ODE: M11-125 INS
3. WINDING TEMP. DETECTORS  
NUMBER AND TYPE: 6xRTD(Pt0C-100ohm)  
LOCATION: IN STATOR SLOT
4. BEARING TEMP. DETECTORS  
NUMBER AND TYPE: \_\_\_\_\_
5. SPACE HEATER \_\_\_\_\_ 1 PHASE  
VOLTS: 120 WATTS: 800
6. ROTATION: CCW VIEWED FROM NON DRIVE END  
THIS MOTOR IS UNI DIRECTIONAL
7. MOTOR PAINT COLOR: GRAY
8. APPROX. WEIGHT: 14,000 Lbs
9. ACCESSORIES:

**PRELIMINARY  
FOR QUOTATION ONLY  
DO NOT BUILD  
FROM THIS DRAWING**



UNITS: INCHES

|                                          |  |
|------------------------------------------|--|
| <b>DRAWING LIST</b>                      |  |
| <b>MAIN TERMINAL BOX</b><br>130P-7550-68 |  |
| <b>AUX TERMINAL BOX FOR</b>              |  |
| <b>SPACE HEATER</b> 130-7520-50          |  |
| <b>R.T.D.</b> 130-7522-51                |  |
| <b>THERMISTOR</b> N/A                    |  |
| <b>PRODUCTION #</b> N/A                  |  |

|     |   |             |          |    |    |      |          |
|-----|---|-------------|----------|----|----|------|----------|
| NO. | 0 | FIRST ISSUE | REVISION | BY | RC | DATE | 06/17/14 |
|-----|---|-------------|----------|----|----|------|----------|

|                                                                   |                             |                       |                    |                                                      |                                 |             |   |
|-------------------------------------------------------------------|-----------------------------|-----------------------|--------------------|------------------------------------------------------|---------------------------------|-------------|---|
| <b>CUSTOMER NAME</b>                                              |                             |                       |                    | <b>MOTOR OUTLINE FOR THREE PHASE INDUCTION MOTOR</b> |                                 |             |   |
| <b>OUTPUT</b>                                                     |                             |                       |                    | <b>P.O. NO.</b>                                      |                                 |             |   |
| HP                                                                | 4                           | V                     | Hz                 | <b>MOTOR TAG NO.</b>                                 |                                 |             |   |
| <b>TYPE</b>                                                       | <b>FORM</b>                 | <b>INS. CLASS</b>     | <b>RATING</b>      | <b>TOSHIBA MODEL NO.</b>                             |                                 |             |   |
|                                                                   | F                           | CONT.                 | 6813US             |                                                      |                                 |             |   |
| <b>TOSHIBA INTERNATIONAL CORPORATION</b><br>HOUSTON, TEXAS U.S.A. |                             |                       |                    |                                                      |                                 |             |   |
| <b>3rd ANGLE PROJ.</b>                                            | <b>PREPARED BY:</b> R.CANTU | <b>DATE:</b> 06/17/14 | <b>CHECKED BY:</b> | <b>DATE:</b>                                         | <b>DRAWING NO.:</b> MDSL0086-76 | <b>REV.</b> | 0 |

**TYPICAL MOTOR PERFORMANCE DATA**

Model: M555WPQL11F-C

| HP        | kW   | Pole       | FL RPM | Frame  | Voltage        | Hz          | Phase    | FL Amps      |
|-----------|------|------------|--------|--------|----------------|-------------|----------|--------------|
| 2750      | 2052 | 6          | 1190   | 6813US | 4000           | 60          | 3        | 368          |
| Enclosure | IP   | Ins. Class | S.F.   | Duty   | NEMA Nom. Eff. | NEMA Design | kVA Code | Ambient (°C) |
| WP-I      | 23   | F          | 1.15   | CONT   | 95.8           | -           |          | 40 C         |

| Load         | HP      | kW     | Amperes | Efficiency (%) | Power Factor (%) |
|--------------|---------|--------|---------|----------------|------------------|
| Full Load    | 2750.00 | 2050.7 | 367     | 96.0           | 83.9             |
| ¾ Load       | 2062.50 | 1538.0 | 292     | 95.7           | 79.4             |
| ½ Load       | 1375.00 | 1025.3 | 225     | 94.8           | 69.4             |
| ¼ Load       | 687.50  | 512.7  | 174     | 91.3           | 46.4             |
| No Load      |         |        | 133.9   |                | 3.5              |
| Locked Rotor |         |        | 2796    |                | 26.0             |

| Torque               |                         |                    |                       | Rotor wk <sup>2</sup><br>Inertia<br>(lb-ft <sup>2</sup> ) |
|----------------------|-------------------------|--------------------|-----------------------|-----------------------------------------------------------|
| Full Load<br>(lb-ft) | Locked Rotor<br>(% FLT) | Pull Up<br>(% FLT) | Break Down<br>(% FLT) |                                                           |
| 12137                | 195                     | 200                | 265                   | 1672.86                                                   |

| Safe Stall Time(s) |     | Sound Pressure<br>dB(A) @ 1M | Bearings*   |             | Approx. Motor Weight<br>(lbs) |
|--------------------|-----|------------------------------|-------------|-------------|-------------------------------|
| Cold               | Hot |                              | DE          | NDE         |                               |
| 16                 | 5   | -                            | M11-125 INS | M11-125 INS |                               |

\*Bearings are the only recommended spare part(s).

**Motor Options:**  
Mounting:Footed,Shaft:US Shaft

|             |  |
|-------------|--|
| Customer    |  |
| Customer PO |  |
| Sales Order |  |
| Project #   |  |

Tag:

All characteristics are average expected values.

**TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.**

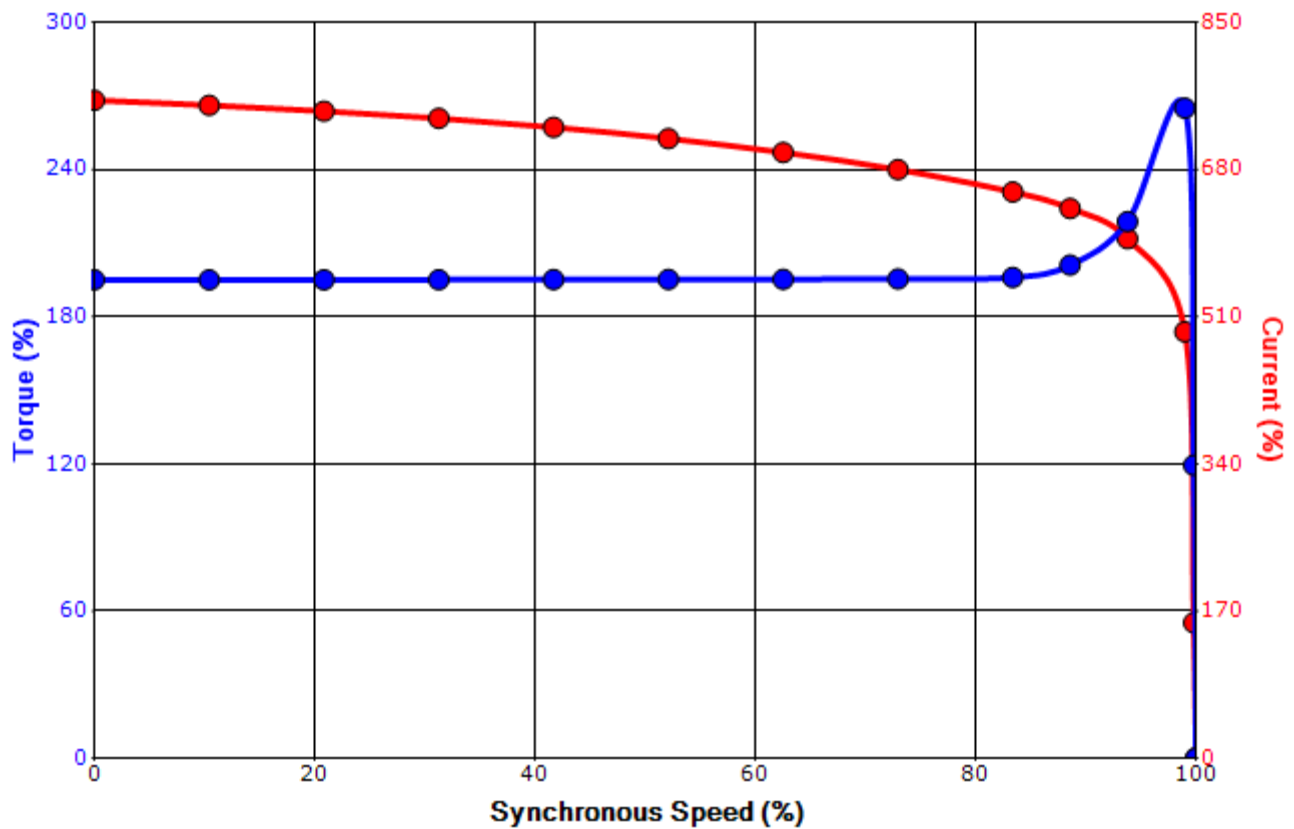
|             |           |                  |             |             |               |
|-------------|-----------|------------------|-------------|-------------|---------------|
| Engineering | bmmamen   | Doc. Written By  | D. Suarez   | Doc.# / Rev | MPCF-1119 / 0 |
| Engr. Date  | 7/10/2014 | Doc. Approved By | M. Campbell | Doc. Issued | 6/8/2011      |

**SPEED TORQUE/CURRENT CURVE**

Model: M555WPQL11F-C

|                   |                                                     |                   |                  |             |                |             |          |                |
|-------------------|-----------------------------------------------------|-------------------|------------------|-------------|----------------|-------------|----------|----------------|
| HP                | kW                                                  | Pole              | FL RPM           | Frame       | Voltage        | Hz          | Phase    | FL Amps        |
| 2750              | 2052                                                | 6                 | 1190             | 6813US      | 4000           | 60          | 3        | 368            |
| Enclosure         | IP                                                  | Ins. Class        | S.F.             | Duty        | NEMA Nom. Eff. | NEMA Design | kVA Code | Ambient (°C)   |
| WP-I              | 23                                                  | F                 | 1.15             | CONT        | 95.8           | -           |          | 40 C           |
| Locked Rotor Amps | Rotor wk <sup>2</sup> Inertia (lb-ft <sup>2</sup> ) | Torque            |                  |             |                |             |          | Break Down (%) |
|                   |                                                     | Full Load (lb-ft) | Locked Rotor (%) | Pull Up (%) |                |             |          |                |
| 2796              | 1672.86                                             | 12137             | 195              | 200         |                |             | 265      |                |

**Design Values**



|             |  |                                                    |     |
|-------------|--|----------------------------------------------------|-----|
| Customer    |  | wk <sup>2</sup> Load Inertia (lb-ft <sup>2</sup> ) | -   |
| Customer PO |  | Load Type                                          | -   |
| Sales Order |  | Voltage (%)                                        | 100 |
| Project #   |  | Accel. Time                                        | -   |

Tag:

All characteristics are average expected values.

**TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.**

|             |           |                  |             |             |               |
|-------------|-----------|------------------|-------------|-------------|---------------|
| Engineering | bmammen   | Doc. Written By  | D. Suarez   | Doc.# / Rev | MPCF-1121 / 0 |
| Engr. Date  | 7/10/2014 | Doc. Approved By | M. Campbell | Doc. Issued | 6/8/2011      |