

TECHNICAL INFORMATION

1. BEARING LUBRICATION DE: TURBINE OIL ISO VG32
ODE: TURBINE OIL ISO VG32
2. BEARING TYPE DE: RENK M11-110-INS.
ODE: RENK M11-110-INS.
3. WINDING TEMP. DETECTORS
NUMBER AND TYPE: 6xRTD(Pt0°C-100ohm)
LOCATION: IN STATOR SLOT
4. BEARING TEMP. DETECTORS
NUMBER AND TYPE: _____
5. SPACE HEATER 1 PHASE
VOLTS: 120 WATTS: 400
6. ROTATION: CCW VIEWED FROM NON DRIVE END
THIS MOTOR IS UNI DIRECTIONAL
7. MOTOR PAINT COLOR: _____
8. APPROX. WEIGHT: 7300 Lbs
9. ACCESORIES: _____

DRAWING LIST

| | | | | | |
|---|-------------|-----|-------------|-----|---------|
| MAIN TERMINAL BOX 130-7532-02 | | | | | |
| AUX TERMINAL BOX FOR | | | | | |
| SPACE HEATER | 130-7520-50 | | | | |
| R.T.D. | 130-7522-51 | 1 | UPDATE | RWS | 1/2/14 |
| THERMISTOR | N/A | | | | |
| | | 0 | FIRST ISSUE | MH | 8/15/05 |
| PRODUCTION # | N/A | NO. | REVISION | BY | DATE |

**MOTOR OUTLINE FOR
THREE PHASE INDUCTION MOTOR**

| | | | | | | |
|--|-------------------|---------------|--------------|--------------------------------------|---------------------------|----------------|
| CUSTOMER NAME | | | | P.O. NO. | MOTOR TAG NO. | |
| OUTPUT HP | POLE 4 | VOLTAGE V | FREQUENCY Hz | FULL LOAD SPEED (min ⁻¹) | TOSHIBA MODEL NO. | |
| TYPE | FORM | INS. CLASS F | RATING CONT. | FRAME 5811/12 | S.F. | ENCLOSURE WP-I |
| TOSHIBA INTERNATIONAL CORPORATION HOUSTON, TEXAS U.S.A. | | | | | | |
| 3rd ANGLE PROJ. | PREPARED BY: M.HO | DATE: 8/15/04 | CHECKED BY: | DATE: | DRAWING NO.: MDSL 0086-12 | REV. 1 |

TYPICAL MOTOR PERFORMANCE DATA

Model: 9005WPQL11E-C

| HP | kW | Pole | FL RPM | Frame | Voltage | Hz | Phase | FL Amps |
|-----------|-----|------------|--------|--------|----------------|-------------|----------|--------------|
| 900 | 671 | 4 | 1775 | 5812US | 4000 | 60 | 3 | 113 |
| Enclosure | IP | Ins. Class | S.F. | Duty | NEMA Nom. Eff. | NEMA Design | kVA Code | Ambient (°C) |
| WP-I | 24 | F | 1.15 | CONT | 96.2 | - | F | 40 C |

| Load | HP | kW | Amperes | Efficiency (%) | Power Factor (%) |
|--------------|--------|-------|---------|----------------|------------------|
| Full Load | 900 | 671.1 | 112.9 | 96.4 | 88.9 |
| ¾ Load | 675.00 | 503.3 | 87.0 | 96.4 | 86.5 |
| ½ Load | 450.00 | 335.6 | 63.2 | 96.0 | 79.7 |
| ¼ Load | 225.00 | 167.8 | 38.4 | 93.9 | 67.0 |
| No Load | | | 32.2 | | 4.4 |
| Locked Rotor | | | 678.00 | | 22.3 |

| Torque | | | | Rotor wk ² Inertia (lb-ft ²) |
|----------------------|-------------------------|--------------------|-----------------------|---|
| Full Load (lb-ft) | Locked Rotor (% FLT) | Pull Up (% FLT) | Break Down (% FLT) | |
| 2663 | 120 | 105 | 230 | 247.37 |

| Safe Stall Time(s) | | Sound Pressure dB(A) @ 1M | Bearings* | | Approx. Motor Weight (lbs) |
|--------------------|-----|------------------------------|-------------|-------------|-------------------------------|
| Cold | Hot | | DE | NDE | |
| 8.7 | 2.8 | - | M11-110 INS | M11-110 INS | |

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

Motor Options:
Product Family:ODP & WP-I
Mounting:Footed,Shaft:US Shaft

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

Tag:

All characteristics are average expected values.

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| | | | | | |
|-------------|-----------|------------------|-------------|-------------|---------------|
| Engineering | bmmammen | Doc. Written By | D. Suarez | Doc.# / Rev | MPCF-1119 / 0 |
| Engr. Date | 7/14/2014 | Doc. Approved By | M. Campbell | Doc. Issued | 6/8/2011 |

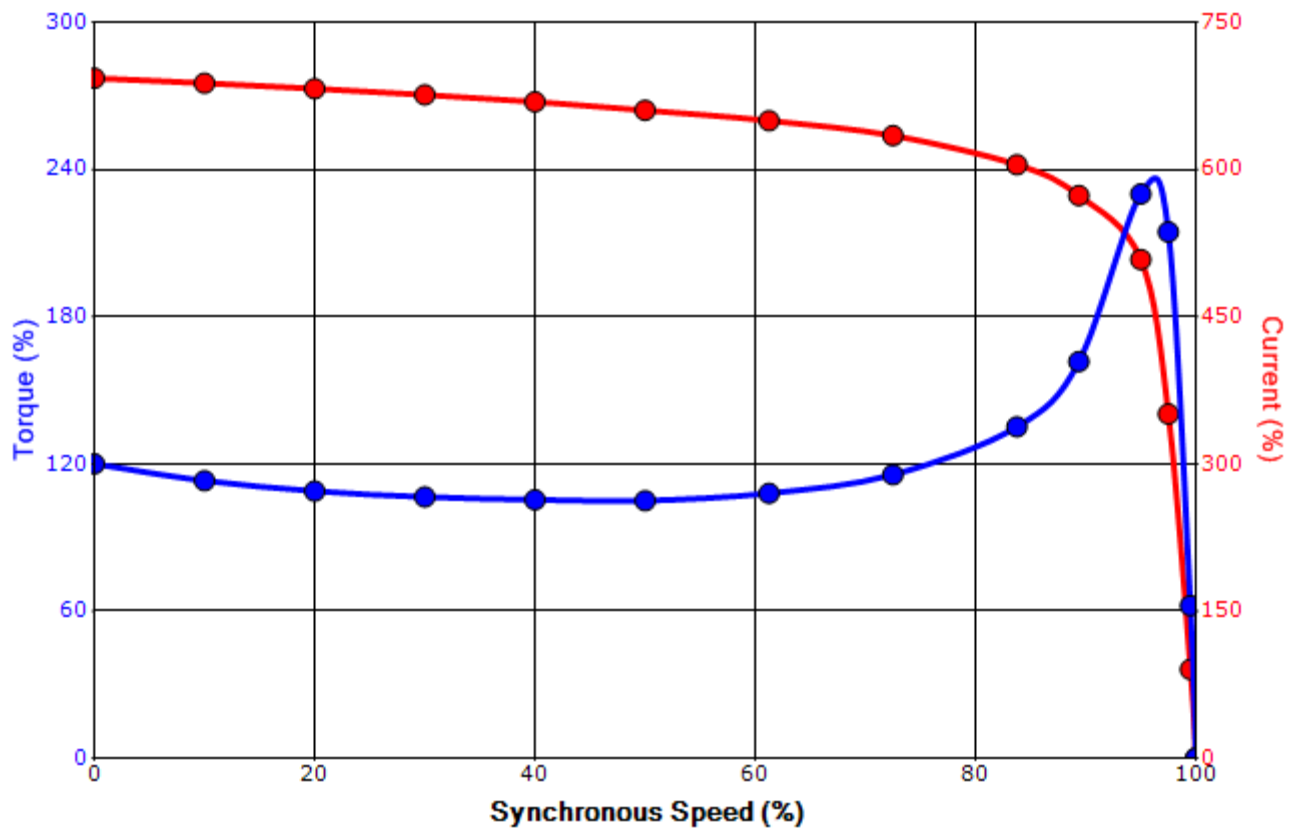
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|-------------|-----------|------------|--|
| Issued Date | 8/18/2016 | Transmit # | |
| Issued By | dschoeck | Issued Rev | |

SPEED TORQUE/CURRENT CURVE

Model: 9005WPQL11E-C

| | | | | | | | | |
|-------------------|---|-------------------|------------------|-------------|----------------|-------------|----------|----------------|
| HP | kW | Pole | FL RPM | Frame | Voltage | Hz | Phase | FL Amps |
| 900 | 671 | 4 | 1775 | 5812US | 4000 | 60 | 3 | 113 |
| Enclosure | IP | Ins. Class | S.F. | Duty | NEMA Nom. Eff. | NEMA Design | kVA Code | Ambient (°C) |
| WP-I | 24 | F | 1.15 | CONT | 96.2 | - | F | 40 C |
| Locked Rotor Amps | Rotor wk ² Inertia (lb-ft ²) | Torque | | | | | | Break Down (%) |
| | | Full Load (lb-ft) | Locked Rotor (%) | Pull Up (%) | | | | |
| 678.00 | 247.37 | 2663 | 120 | 105 | | | 230 | |

Design Values



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

Tag:

All characteristics are average expected values.

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| | | | | | |
|-------------|-----------|------------------|-------------|-------------|---------------|
| Engineering | bmammen | Doc. Written By | D. Suarez | Doc.# / Rev | MPCF-1121 / 0 |
| Engr. Date | 7/14/2014 | Doc. Approved By | M. Campbell | Doc. Issued | 6/8/2011 |