

- NOTES:
1. MAIN CONDUIT BOX MAY BE ROTATED IN 90° INCREMENTS
 2. STANDARD PRODUCT USE BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE.
 3. KEY DIMENSIONS EQUAL (MOTOR SUPPLIED WITH KEY)
- 0.625" x 0.625" x 4.25"

UNITS: INCHES

TOSHIBA RESERVES THE RIGHT TO MAKE CHANGES OF TECHNICAL IMPROVEMENT WITHOUT NOTICE. DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING IS CERTIFIED.

**360T TEFC FRAME
F1 ASSEMBLY**

MDSL081-07

TOSHIBA

TOSHIBA INTERNATIONAL CORPORATION

TOLERANCES

| | |
|-------|-------|
| .X | .1 |
| .XX | .03 |
| .XXX | .005 |
| .XXXX | .0005 |

MAXIMUM MOTOR WEIGHT

893 lbs.
405 kgs.

| NO | REVISION | DRAWN BY | DATE | CHECK |
|----|---------------------------------|----------|----------|-------|
| 1 | CHANGED 'H' DIMENSION FROM 0.67 | MO | 04/23/14 | JR |
| 0 | FIRST ISSUE | N. MOMIN | 12/14/10 | JR |
| NO | | | | |



DRAWN BY: N. MOMIN
 CHECK BY: J. RUSSELL
 APPROVED BY: _____
 www.toshiba.com/ind

TYPICAL MOTOR PERFORMANCE DATA

Model: 0604XDSC41A-P

| HP | kW | Pole | FL RPM | Frame | Voltage | Hz | Phase | FL Amps |
|-----------|----|------------|--------|-------|----------------|-------------|----------|--------------|
| 60 | 45 | 4 | 1775 | 364T | 575 | 60 | 3 | 55 |
| Enclosure | IP | Ins. Class | S.F. | Duty | NEMA Nom. Eff. | NEMA Design | kVA Code | Ambient (°C) |
| TEFC | 56 | | | CONT | 95 | B | G | |

| Load | HP | kW | Amperes | Efficiency (%) | Power Factor (%) |
|--------------|-------|------|---------|----------------|------------------|
| Full Load | 60 | 44.7 | 55.0 | 95.1 | 87.3 |
| ¾ Load | 45.00 | 33.6 | 41.2 | 94.7 | 85.9 |
| ½ Load | 30.00 | 22.4 | 29.5 | 93.4 | 81.1 |
| ¼ Load | 15.00 | 11.2 | 19.7 | 88.1 | 64.6 |
| No Load | | | 15.2 | | 4.9 |
| Locked Rotor | | | 348.00 | | 27.0 |

| Torque | | | | Rotor wk ² Inertia (lb-ft ²) |
|----------------------|-------------------------|--------------------|-----------------------|---|
| Full Load (lb-ft) | Locked Rotor (% FLT) | Pull Up (% FLT) | Break Down (% FLT) | |
| 178 | 150 | 125 | 260 | 16.80 |

| Safe Stall Time(s) | | Sound Pressure dB(A) @ 1M | Bearings* | | Approx. Motor Weight (lbs) |
|--------------------|-----|------------------------------|-----------|--------|-------------------------------|
| Cold | Hot | | DE | NDE | |
| 27 | 14 | - | 6314C3 | 6312C3 | |

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

Motor Options:
Product Family:EQP Global 841
Mounting:Footed,Shaft:T Shaft

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

Tag:

All characteristics are average expected values.

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

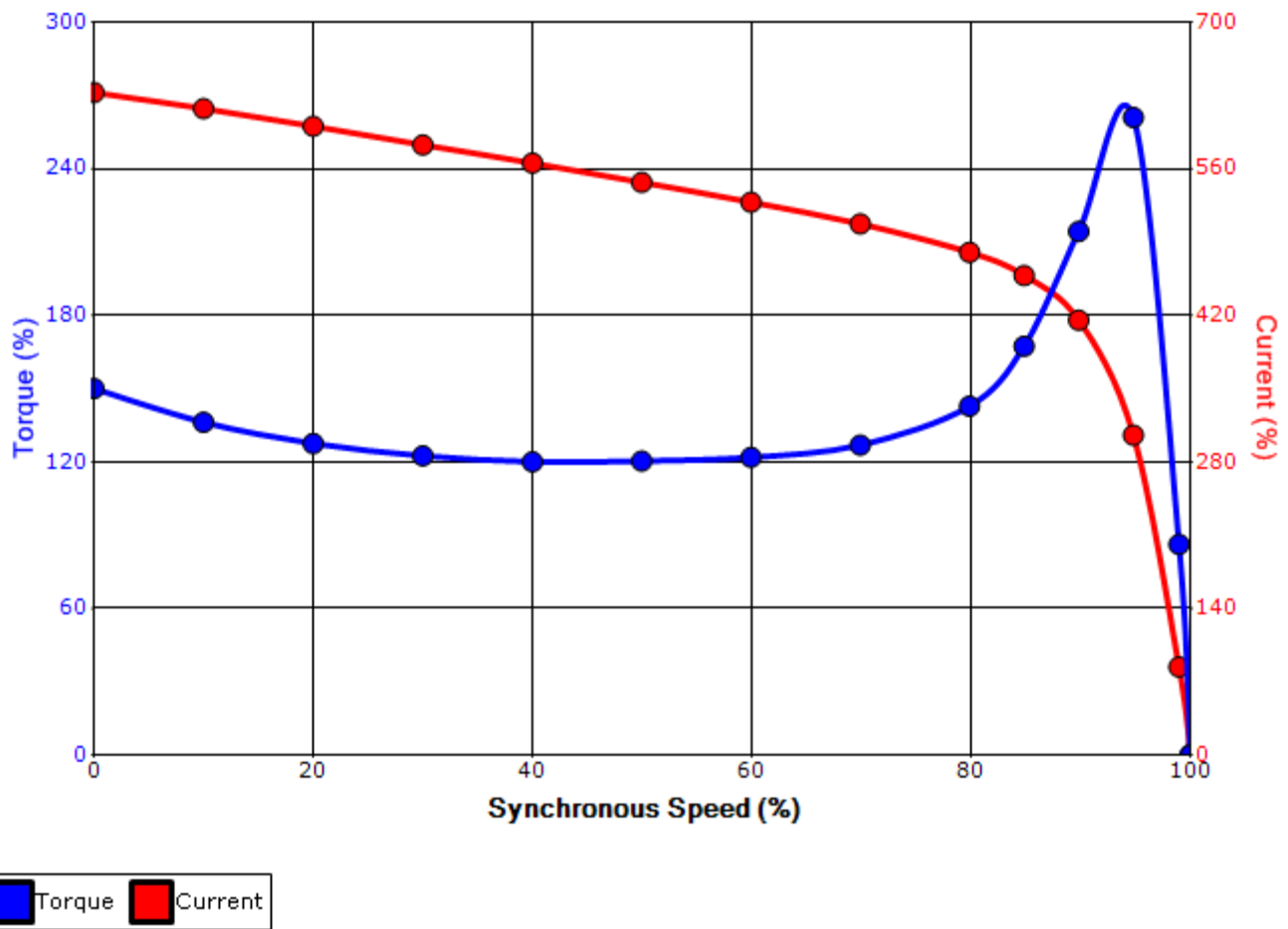
| | | | | | |
|-------------|----------|------------------|-------------|-------------|---------------|
| Engineering | jhock | Doc. Written By | D. Suarez | Doc.# / Rev | MPCF-1119 / 0 |
| Engr. Date | 4/1/2014 | Doc. Approved By | M. Campbell | Doc. Issued | 6/8/2011 |

SPEED TORQUE/CURRENT CURVE

Model: 0604XDSC41A-P

| | | | | | | | | |
|-------------------|---|-------------------|------------------|-------------|----------------|-------------|----------|--------------|
| HP | kW | Pole | FL RPM | Frame | Voltage | Hz | Phase | FL Amps |
| 60 | 45 | 4 | 1775 | 364T | 575 | 60 | 3 | 55 |
| Enclosure | IP | Ins. Class | S.F. | Duty | NEMA Nom. Eff. | NEMA Design | kVA Code | Ambient (°C) |
| TEFC | 56 | | | CONT | 95 | B | G | |
| Locked Rotor Amps | Rotor wk ² Inertia (lb-ft ²) | Torque | | | | | | |
| | | Full Load (lb-ft) | Locked Rotor (%) | Pull Up (%) | Break Down (%) | | | |
| 348.00 | 16.80 | 178 | 150 | 125 | 260 | | | |

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.