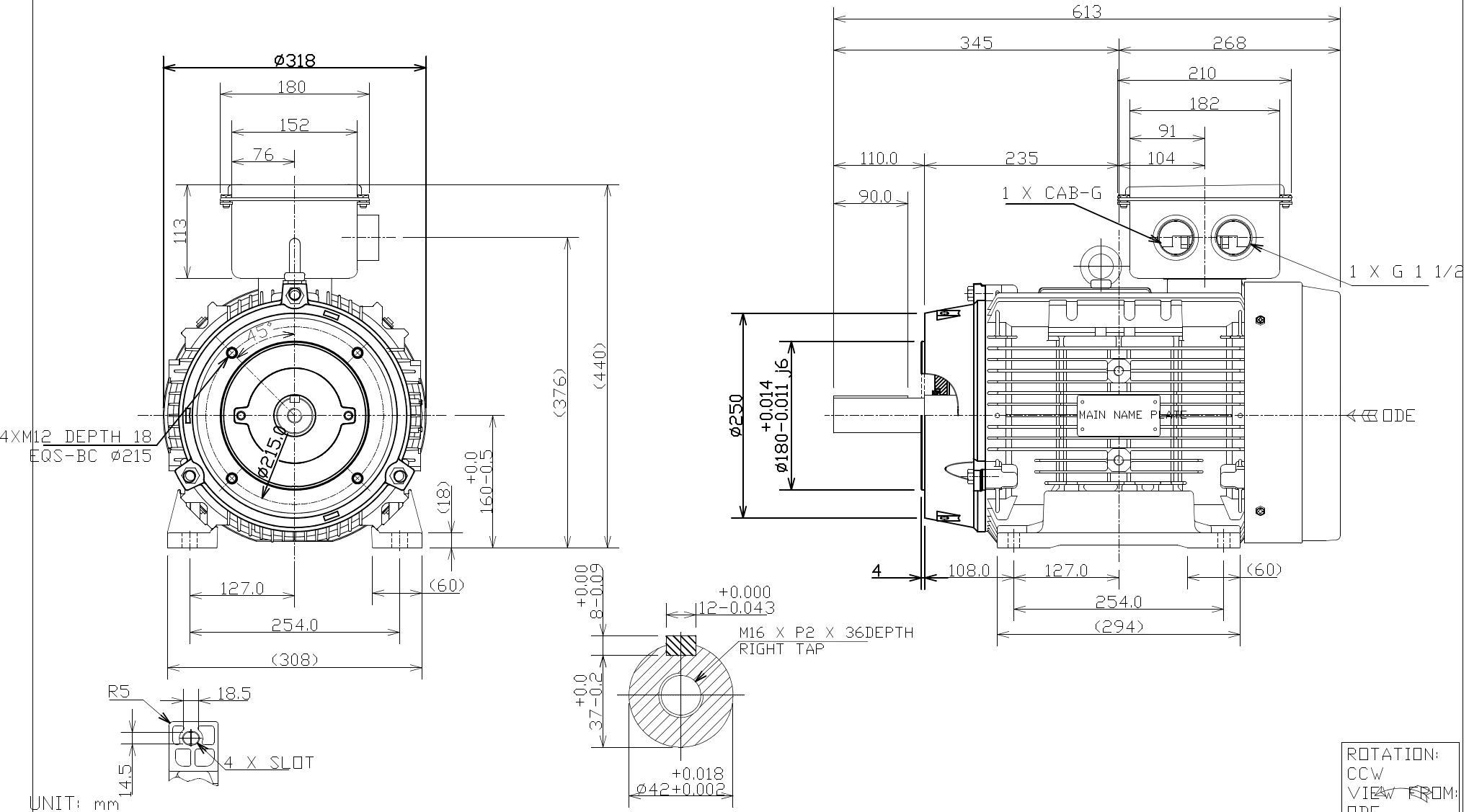




B34-FLANGE MOTOR  
OL DRAWING IEC GLOBAL

3HFN000291

**TOSHIBA**  
TOSHIBA INTERNATIONAL CORPORATION

TYPE: 2-4-6P  
400V  
FRAME: 160L

TOLERANCES  
X.  $\pm 2.0$   
X.X  $\pm 0.5$   
X.XX  $\pm 0.1$

MAXIMUM  
MOTOR WEIGHT  
- lbs.  
- kgs.

| NO | REVISION | DRAWN BY | DATE | CHECK |
|----|----------|----------|------|-------|
|    |          |          |      |       |
|    |          |          |      |       |
|    |          |          |      |       |
|    |          |          |      |       |
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|    |          |          |      |       |
|    |          |          |      |       |
|    |          |          |      |       |

**EQP Global SD**  
**XT SERIES**

DRAWN BY: HIEN, NGUYEN  
CHECK BY: B.X.QUYNH  
APPROVED BY: JAY BUGBEE  
www.toshiba.com/ind

|                                                                                                                                                                               |             |           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|
| <b>TOSHIBA INTERNATIONAL CORPORATION</b><br><b>Industrial Division / Houston Motor Plant</b><br><br><b>SQUIRREL CAGE INDUCTION MOTOR</b><br><b>PERFORMANCE SPECIFICATIONS</b> | INDEX       | MPCF-1033 |
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|                                                                                                                                                                               | ISSUED      | 7/31/13   |
|                                                                                                                                                                               | SUPERSEDES  | 11/8/96   |
|                                                                                                                                                                               | REVISION    | 2         |
|                                                                                                                                                                               | WRITTEN BY  | MDC       |
|                                                                                                                                                                               | APPROVED BY | PAA       |

CUSTOMER: -  
TIC SR No.: -

| MOTOR NAMEPLATE DATA      |              |              |                |
|---------------------------|--------------|--------------|----------------|
| H.P.: -                   | VOLTS: 400   | 3 PH / 50 Hz | S. RPM: 1000   |
| FRAME: 160L               | ENCL: TEFC   | FLAMPS: 22   | FLRPM: 970     |
| FORM: FBKL1               | S.F.: -      | IEC DESIGN N | INSUL CLASS: F |
| TYPE: IKKH                | AMB.: 40°C   | CODE: -      | DUTY: Cont.    |
| MODEL No.: 0116SDMW7HS-PL |              | kW: 11       |                |
| NOM. EFF.: 90.3           | MIN. EFF.: - | cosØ 0.78    |                |

| AMPERAGE          | TORQUES                | **BEARINGS:                     |
|-------------------|------------------------|---------------------------------|
| LOCKED ROTOR: 158 | FULL LOAD (lb-ft.): 80 | DRIVE END: REFER TO NP          |
|                   | LOCKED ROTOR (%): 295  | OPPOSITE DRIVE END: REFER TO NP |
|                   | BREAK DOWN (%): 300    |                                 |

| EFFICIENCY      | POWER FACTOR    |
|-----------------|-----------------|
| FULL LOAD: 90.8 | FULL LOAD: 78.2 |
| 3/4 LOAD: 90.9  | 3/4 LOAD: 73.9  |
| 1/2 LOAD: 89.6  | 1/2 LOAD: 64.2  |

|                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>ALL CHARACTERISTICS ARE AVERAGE EXPECTED VALUES BASED UPON RATED VOLTAGE, FREQUENCY AND SINEWAVE POWER INPUT.</p> <p>THE DECLARED LOCKED ROTOR CURRENT HAS A TOLERANCE OF 20%.</p> <p>* TEMPERATURE RISE WILL BE CONSISTENT WITH INSULATION, AMBIENT AND SERVICE FACTOR AS DEFINED BY NEMA-MG-12 OR -20.</p> <p>** BEARINGS ARE THE ONLY RECOMMENDED SPARE PART(S).</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**CERTIFIED BY:** Zichao Xie

**DATE:** 9/10/2020

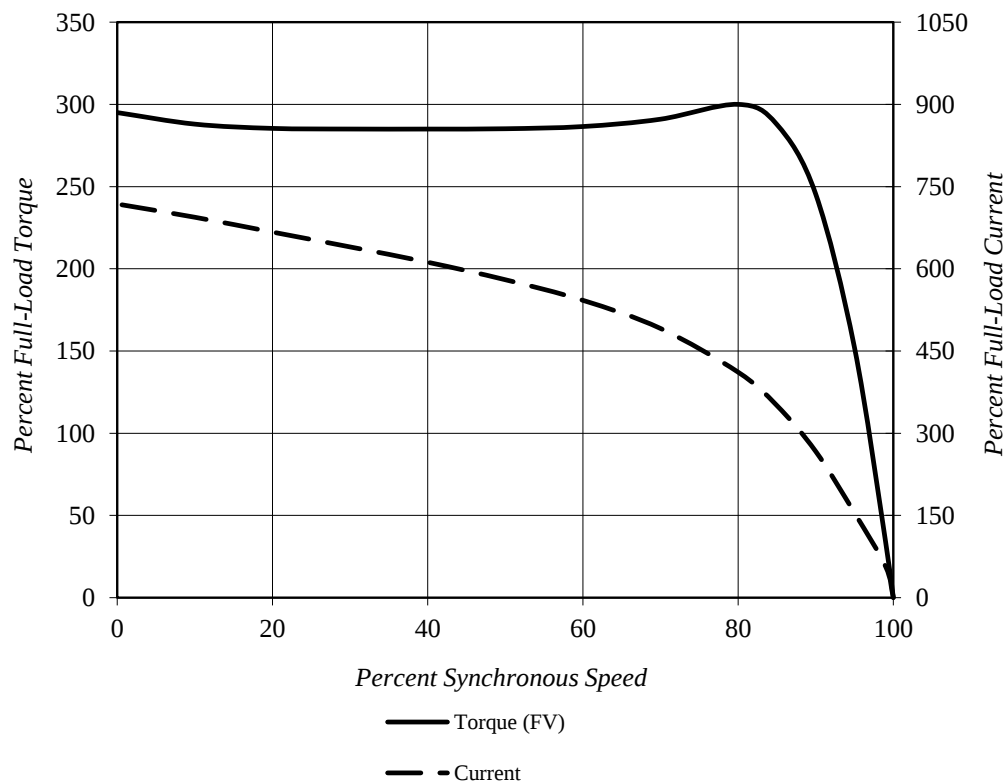
# TOSHIBA INTERNATIONAL CORPORATION

## Speed Torque/Current Curve

|                   |                |                       |                        |                    |               |
|-------------------|----------------|-----------------------|------------------------|--------------------|---------------|
| <b>Model #:</b>   | 0116SDMW7HS-PL |                       |                        | <b>FLAmps:</b>     | 22            |
| <b>Enclosure:</b> | TEFC           | <b>Voltage:</b>       | 400 V                  | <b>Frame:</b>      | 160L          |
| <b>Pole:</b>      | 6              | <b>Frequency:</b>     | 3 PH / 50 Hz           | <b>Ins. Class:</b> | F             |
| <b>KW:</b>        | 11             | <b>Rotor Inertia:</b> | 3.9 lb-ft <sup>2</sup> | <b>Date:</b>       | 9/10/2020     |
| <b>FLRPM:</b>     | 970            | <b>Load Inertia:</b>  | N/A                    | <b>File:</b>       | GH6011 (11kW) |

|                             |          |                     |     |
|-----------------------------|----------|---------------------|-----|
| <b>Locked Rotor Amps:</b>   | 158 A    | <b>Load Type:</b>   | N/A |
| <b>Locked Rotor Torque:</b> | 295%     | <b>Starting at:</b> | N/A |
| <b>Breakdown Torque:</b>    | 300%     | <b>Accel. Time:</b> | N/A |
| <b>Rated Torque:</b>        | 80 lb-ft |                     |     |

### Design Values



**Comments:** PROJECT -  
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**D.E.Curve #:** GH6011 (11kW)

**Prepared by:** Zichao Xie

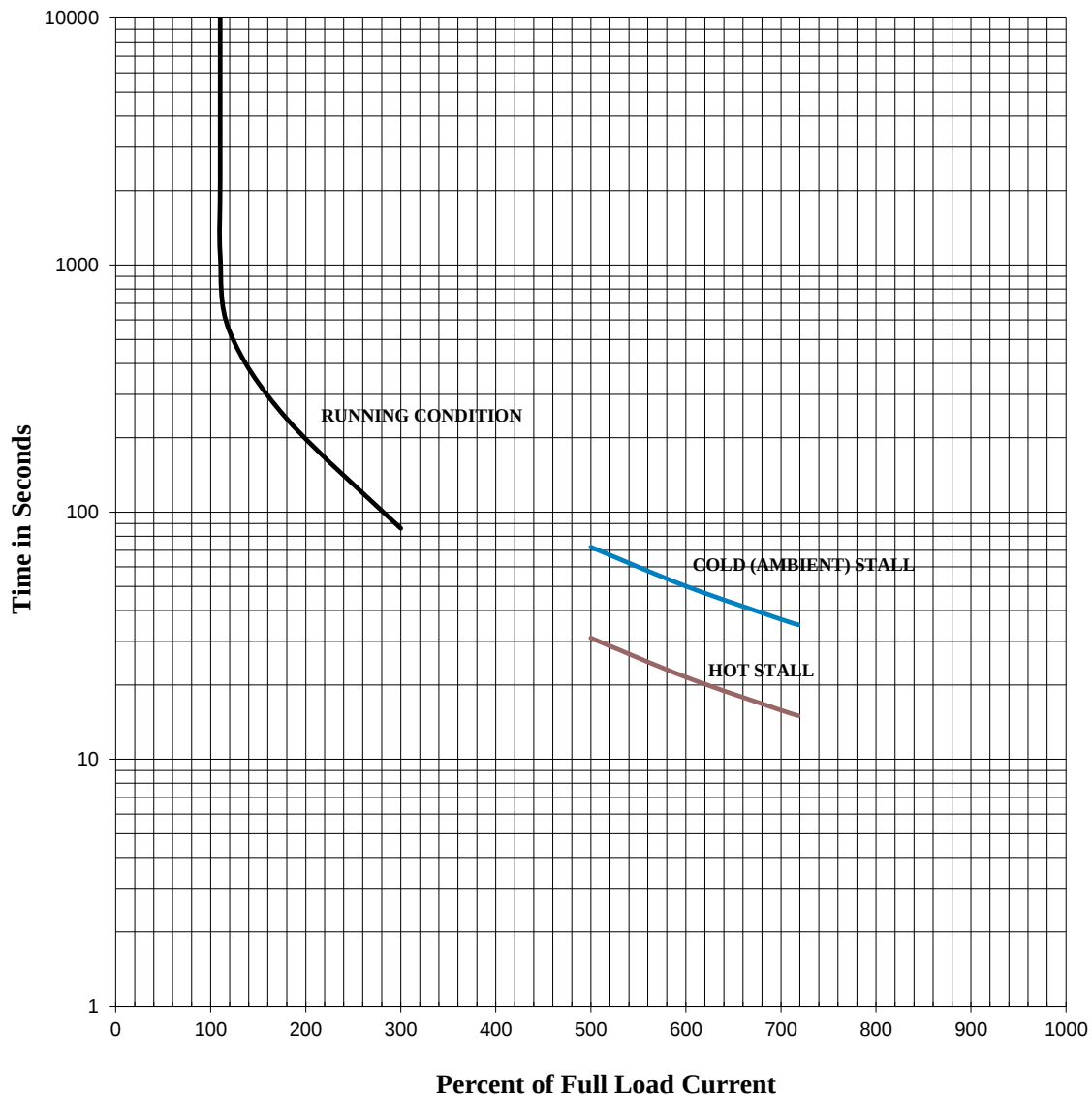
**Checked by:**

# TOSHIBA INTERNATIONAL CORPORATION

## Thermal Limit & Acceleration Curves

Design Values (For Reference Only)

|                   |                |                       |                        |                    |               |
|-------------------|----------------|-----------------------|------------------------|--------------------|---------------|
| <b>Model #:</b>   | 0116SDMW7HS-PL |                       |                        | <b>FLAmps:</b>     | 22            |
| <b>Enclosure:</b> | TEFC           | <b>Voltage:</b>       | 400 V                  | <b>Frame:</b>      | 160L          |
| <b>Pole:</b>      | 6              | <b>Frequency:</b>     | 3 PH / 50 Hz           | <b>Ins. Class:</b> | F             |
| <b>KW:</b>        | 11             | <b>Rotor Inertia:</b> | 3.9 lb-ft <sup>2</sup> | <b>Date:</b>       | 9/10/2020     |
| <b>FLRPM:</b>     | 970            | <b>Load Inertia:</b>  | N/A                    | <b>File:</b>       | GH6011 (11kW) |



**Comments:** PROJECT -

**D.E.Curve #:** GH6011 (11kW)

**Prepared by:** Zichao Xie

**Checked by:**

|                                                                                                                                                                               |             |           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|
| <b>TOSHIBA INTERNATIONAL CORPORATION</b><br><b>Industrial Division / Houston Motor Plant</b><br><br><b>SQUIRREL CAGE INDUCTION MOTOR</b><br><b>PERFORMANCE SPECIFICATIONS</b> | INDEX       | MPCF-1033 |
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|                                                                                                                                                                               | REVISION    | 2         |
|                                                                                                                                                                               | WRITTEN BY  | MDC       |
|                                                                                                                                                                               | APPROVED BY | PAA       |

CUSTOMER: -  
TIC SR No.: -

| MOTOR NAMEPLATE DATA      |              |              |                |
|---------------------------|--------------|--------------|----------------|
| H.P.: -                   | VOLTS: 415   | 3 PH / 50 Hz | S. RPM: 1000   |
| FRAME: 160L               | ENCL: TEFC   | FLAMPS: 22   | FLRPM: 970     |
| FORM: FBKL1               | S.F.: -      | IEC DESIGN N | INSUL CLASS: F |
| TYPE: IKKH                | AMB.: 40°C   | CODE: -      | DUTY: Cont.    |
| MODEL No.: 0116SDMW7HS-PL |              | kW: 11       |                |
| NOM. EFF.: 90.3           | MIN. EFF.: - | cosØ 0.77    |                |

| AMPERAGE          | TORQUES                | **BEARINGS:                     |
|-------------------|------------------------|---------------------------------|
| LOCKED ROTOR: 164 | FULL LOAD (lb-ft.): 79 | DRIVE END: REFER TO NP          |
|                   | LOCKED ROTOR (%): 325  | OPPOSITE DRIVE END: REFER TO NP |
|                   | BREAK DOWN (%): 320    |                                 |

| EFFICIENCY      | POWER FACTOR    |
|-----------------|-----------------|
| FULL LOAD: 91.4 | FULL LOAD: 77.5 |
| 3/4 LOAD: 91.3  | 3/4 LOAD: 72.1  |
| 1/2 LOAD: 89.6  | 1/2 LOAD: 61.2  |

|                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>ALL CHARACTERISTICS ARE AVERAGE EXPECTED VALUES BASED UPON RATED VOLTAGE, FREQUENCY AND SINEWAVE POWER INPUT.</p> <p>THE DECLARED LOCKED ROTOR CURRENT HAS A TOLERANCE OF 20%.</p> <p>* TEMPERATURE RISE WILL BE CONSISTENT WITH INSULATION, AMBIENT AND SERVICE FACTOR AS DEFINED BY NEMA-MG-12 OR -20.</p> <p>** BEARINGS ARE THE ONLY RECOMMENDED SPARE PART(S).</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**CERTIFIED BY:** Zichao Xie

**DATE:** 9/10/2020

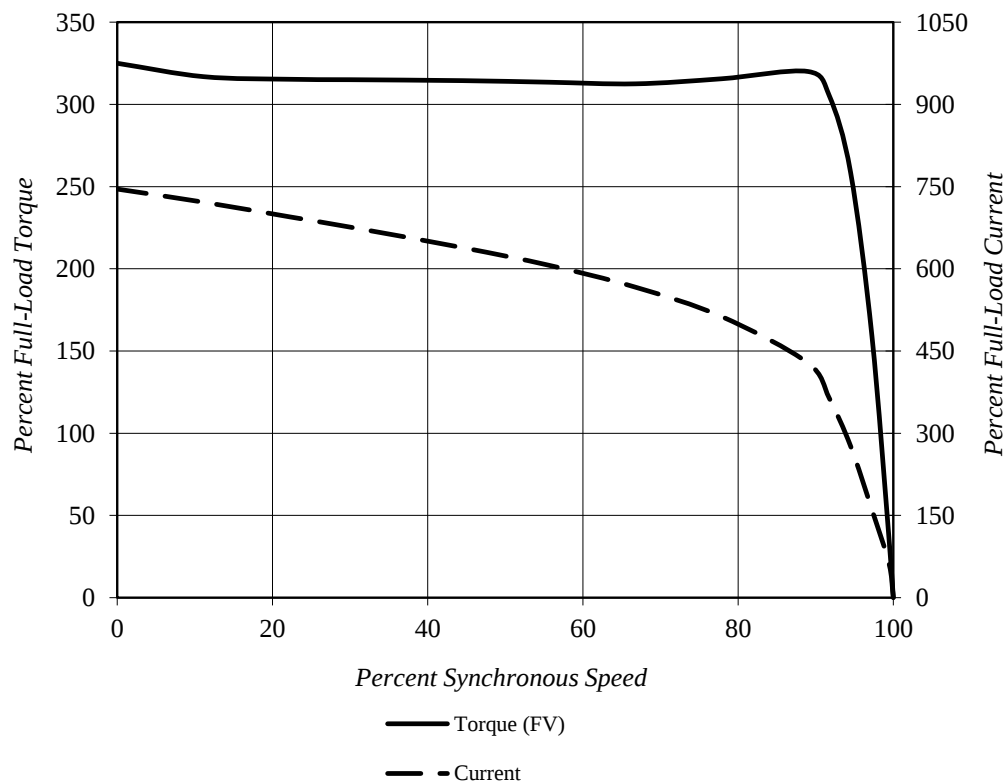
# TOSHIBA INTERNATIONAL CORPORATION

## Speed Torque/Current Curve

|                   |                |                       |                        |                    |               |
|-------------------|----------------|-----------------------|------------------------|--------------------|---------------|
| <b>Model #:</b>   | 0116SDMW7HS-PL |                       |                        | <b>FLAmps:</b>     | 22            |
| <b>Enclosure:</b> | TEFC           | <b>Voltage:</b>       | 415 V                  | <b>Frame:</b>      | 160L          |
| <b>Pole:</b>      | 6              | <b>Frequency:</b>     | 3 PH / 50 Hz           | <b>Ins. Class:</b> | F             |
| <b>KW:</b>        | 11             | <b>Rotor Inertia:</b> | 3.9 lb-ft <sup>2</sup> | <b>Date:</b>       | 9/10/2020     |
| <b>FLRPM:</b>     | 970            | <b>Load Inertia:</b>  | N/A                    | <b>File:</b>       | GH6011 (11kW) |

|                             |          |                     |     |
|-----------------------------|----------|---------------------|-----|
| <b>Locked Rotor Amps:</b>   | 164 A    | <b>Load Type:</b>   | N/A |
| <b>Locked Rotor Torque:</b> | 325%     | <b>Starting at:</b> | N/A |
| <b>Breakdown Torque:</b>    | 320%     | <b>Accel. Time:</b> | N/A |
| <b>Rated Torque:</b>        | 79 lb-ft |                     |     |

### Design Values



**Comments:** PROJECT -  
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**D.E.Curve #:** GH6011 (11kW)

**Prepared by:** Zichao Xie

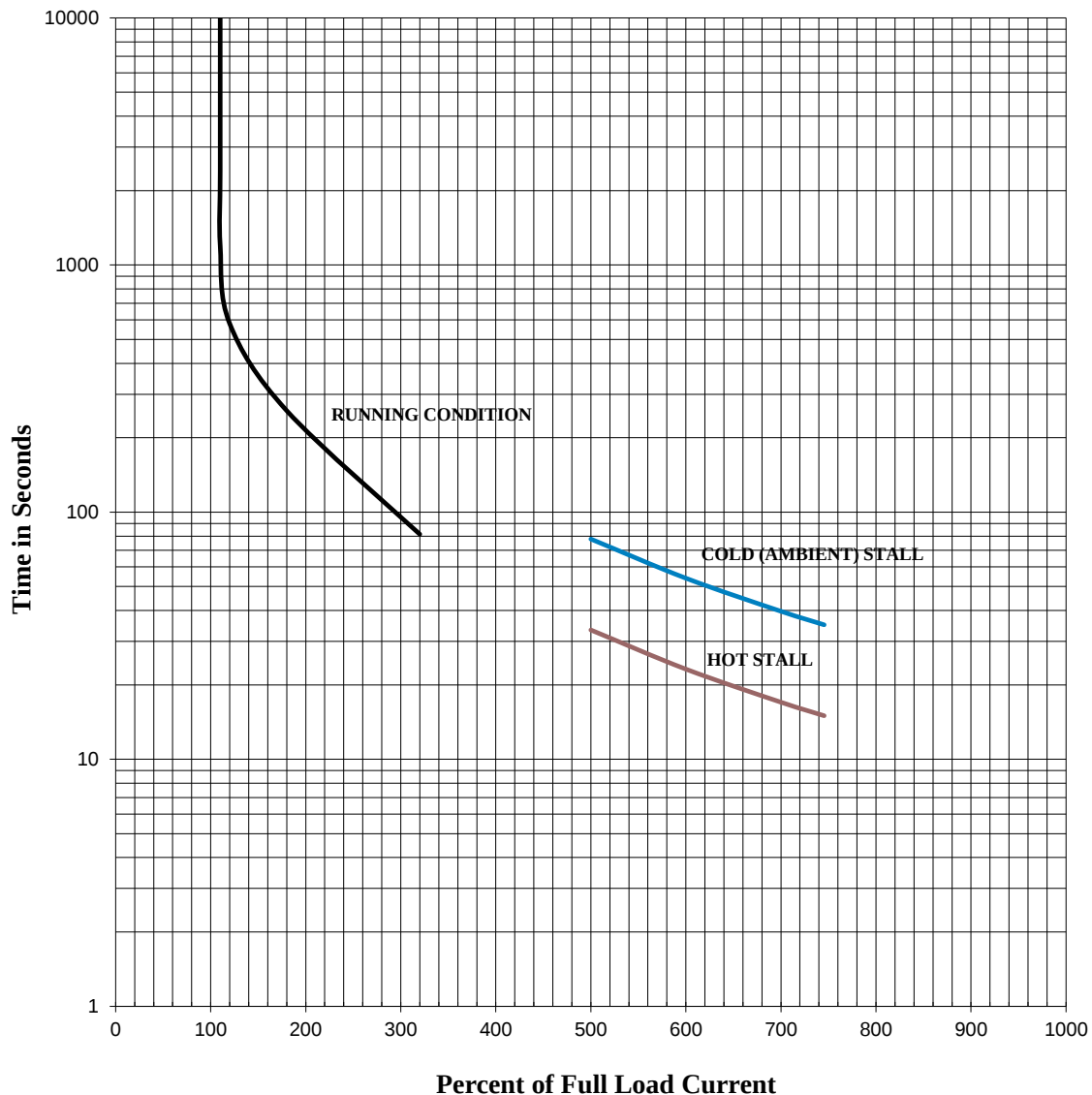
**Checked by:**

# TOSHIBA INTERNATIONAL CORPORATION

## Thermal Limit & Acceleration Curves

Design Values (For Reference Only)

|                   |                |                       |                        |                    |               |
|-------------------|----------------|-----------------------|------------------------|--------------------|---------------|
| <b>Model #:</b>   | 0116SDMW7HS-PL |                       |                        | <b>FLAmps:</b>     | 22            |
| <b>Enclosure:</b> | TEFC           | <b>Voltage:</b>       | 415 V                  | <b>Frame:</b>      | 160L          |
| <b>Pole:</b>      | 6              | <b>Frequency:</b>     | 3 PH / 50 Hz           | <b>Ins. Class:</b> | F             |
| <b>KW:</b>        | 11             | <b>Rotor Inertia:</b> | 3.9 lb-ft <sup>2</sup> | <b>Date:</b>       | 9/10/2020     |
| <b>FLRPM:</b>     | 970            | <b>Load Inertia:</b>  | N/A                    | <b>File:</b>       | GH6011 (11kW) |



**Comments:** PROJECT -

**D.E.Curve #:** GH6011 (11kW)

**Prepared by:** Zichao Xie

**Checked by:**

|                                                                                                                                                                               |             |           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|
| <b>TOSHIBA INTERNATIONAL CORPORATION</b><br><b>Industrial Division / Houston Motor Plant</b><br><br><b>SQUIRREL CAGE INDUCTION MOTOR</b><br><b>PERFORMANCE SPECIFICATIONS</b> | INDEX       | MPCF-1033 |
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|                                                                                                                                                                               | REVISION    | 2         |
|                                                                                                                                                                               | WRITTEN BY  | MDC       |
|                                                                                                                                                                               | APPROVED BY | PAA       |

CUSTOMER: -  
TIC SR No.: -

| MOTOR NAMEPLATE DATA      |              |              |                |
|---------------------------|--------------|--------------|----------------|
| H.P.: -                   | VOLTS: 380   | 3 PH / 50 Hz | S. RPM: 1000   |
| FRAME: 160L               | ENCL: TEFC   | FLAMPS: 23   | FLRPM: 965     |
| FORM: FBKL1               | S.F.: -      | IEC DESIGN N | INSUL CLASS: F |
| TYPE: IKKH                | AMB.: 40°C   | CODE: -      | DUTY: Cont.    |
| MODEL No.: 0116SDMW7HS-PL |              | kW: 11       |                |
| NOM. EFF.: 90.3           | MIN. EFF.: - | cosØ 0.80    |                |

| AMPERAGE          | TORQUES                | **BEARINGS:                     |
|-------------------|------------------------|---------------------------------|
| LOCKED ROTOR: 148 | FULL LOAD (lb-ft.): 80 | DRIVE END: REFER TO NP          |
|                   | LOCKED ROTOR (%): 260  | OPPOSITE DRIVE END: REFER TO NP |
|                   | BREAK DOWN (%): 270    |                                 |

| EFFICIENCY      | POWER FACTOR    |
|-----------------|-----------------|
| FULL LOAD: 90.4 | FULL LOAD: 80.6 |
| 3/4 LOAD: 90.8  | 3/4 LOAD: 77.1  |
| 1/2 LOAD: 89.9  | 1/2 LOAD: 68.6  |

|                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>ALL CHARACTERISTICS ARE AVERAGE EXPECTED VALUES BASED UPON RATED VOLTAGE, FREQUENCY AND SINEWAVE POWER INPUT.</p> <p>THE DECLARED LOCKED ROTOR CURRENT HAS A TOLERANCE OF 20%.</p> <p>* TEMPERATURE RISE WILL BE CONSISTENT WITH INSULATION, AMBIENT AND SERVICE FACTOR AS DEFINED BY NEMA-MG-12 OR -20.</p> <p>** BEARINGS ARE THE ONLY RECOMMENDED SPARE PART(S).</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**CERTIFIED BY:** Zichao Xie

**DATE:** 9/10/2020

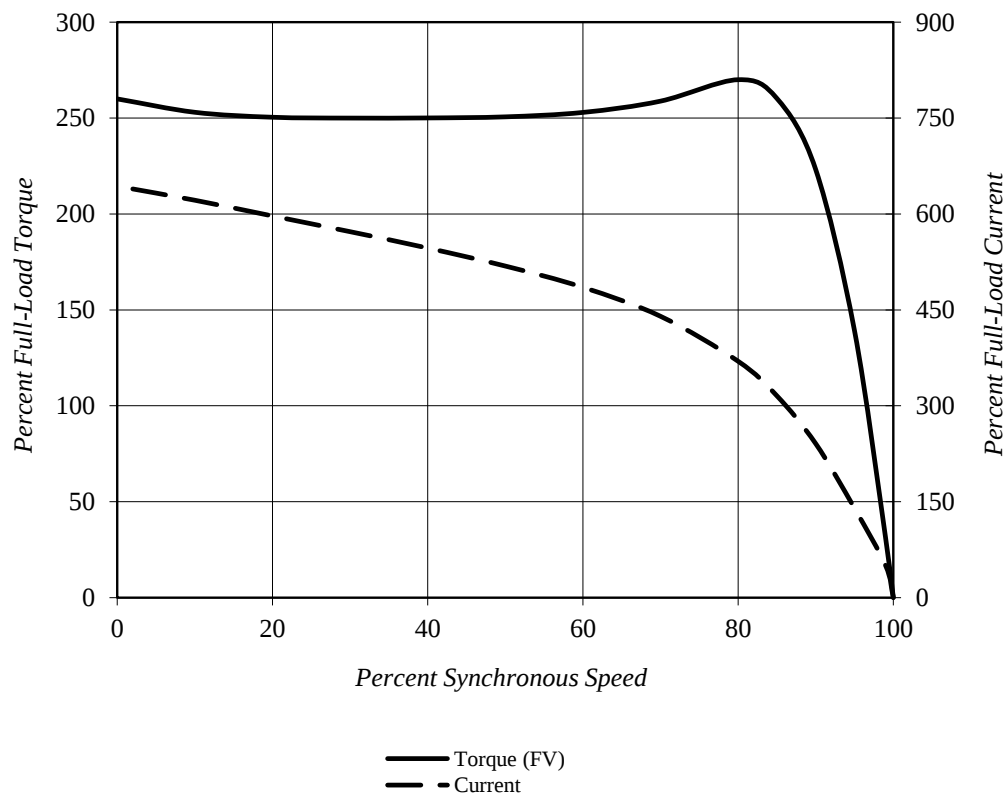
# TOSHIBA INTERNATIONAL CORPORATION

## Speed Torque/Current Curve

|                   |                |                       |                        |                    |               |
|-------------------|----------------|-----------------------|------------------------|--------------------|---------------|
| <b>Model #:</b>   | 0116SDMW7HS-PL |                       |                        | <b>FLAmps:</b>     | 23            |
| <b>Enclosure:</b> | TEFC           | <b>Voltage:</b>       | 380 V                  | <b>Frame:</b>      | 160L          |
| <b>Pole:</b>      | 6              | <b>Frequency:</b>     | 3 PH / 50 Hz           | <b>Ins. Class:</b> | F             |
| <b>KW:</b>        | 11             | <b>Rotor Inertia:</b> | 3.9 lb-ft <sup>2</sup> | <b>Date:</b>       | 9/10/2020     |
| <b>FLRPM:</b>     | 965            | <b>Load Inertia:</b>  | N/A                    | <b>File:</b>       | GH6011 (11kW) |

|                             |          |                     |     |
|-----------------------------|----------|---------------------|-----|
| <b>Locked Rotor Amps:</b>   | 148 A    | <b>Load Type:</b>   | N/A |
| <b>Locked Rotor Torque:</b> | 260%     | <b>Starting at:</b> | N/A |
| <b>Breakdown Torque:</b>    | 270%     | <b>Accel. Time:</b> | N/A |
| <b>Rated Torque:</b>        | 80 lb-ft |                     |     |

### Design Values



**Comments:** PROJECT -  
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**D.E.Curve #:** GH6011 (11kW)

**Prepared by:** Zichao Xie

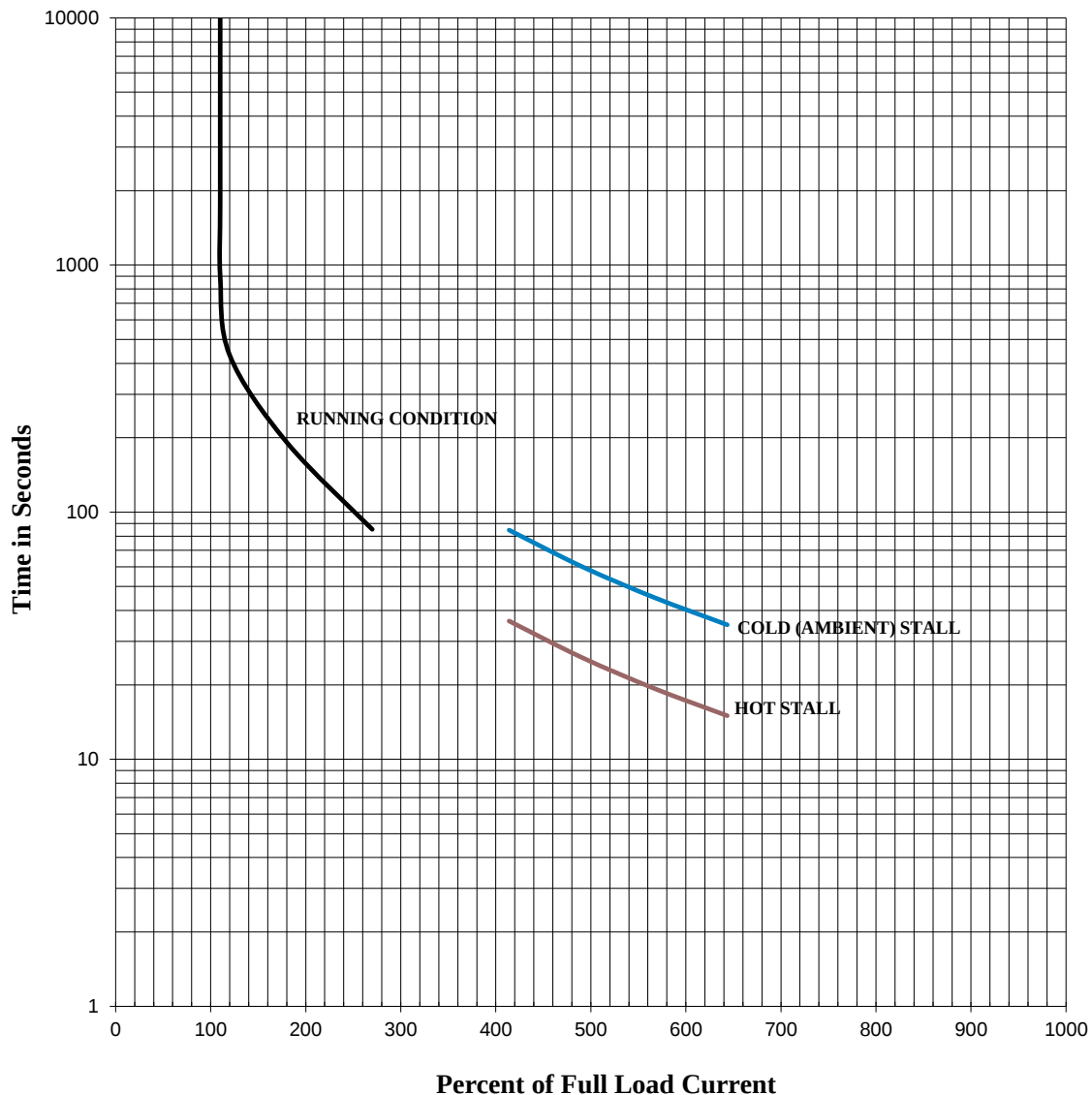
**Checked by:**

# TOSHIBA INTERNATIONAL CORPORATION

## Thermal Limit & Acceleration Curves

Design Values (For Reference Only)

|                   |                |                       |                        |                    |               |
|-------------------|----------------|-----------------------|------------------------|--------------------|---------------|
| <b>Model #:</b>   | 0116SDMW7HS-PL |                       |                        | <b>FLAmps:</b>     | 23            |
| <b>Enclosure:</b> | TEFC           | <b>Voltage:</b>       | 380 V                  | <b>Frame:</b>      | 160L          |
| <b>Pole:</b>      | 6              | <b>Frequency:</b>     | 3 PH / 50 Hz           | <b>Ins. Class:</b> | F             |
| <b>KW:</b>        | 11             | <b>Rotor Inertia:</b> | 3.9 lb-ft <sup>2</sup> | <b>Date:</b>       | 9/10/2020     |
| <b>FLRPM:</b>     | 965            | <b>Load Inertia:</b>  | N/A                    | <b>File:</b>       | GH6011 (11kW) |



**Comments:** PROJECT -

**D.E.Curve #:** GH6011 (11kW)

**Prepared by:** Zichao Xie

**Checked by:**

|                                                                                                                                                                               |             |           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|
| <b>TOSHIBA INTERNATIONAL CORPORATION</b><br><b>Industrial Division / Houston Motor Plant</b><br><br><b>SQUIRREL CAGE INDUCTION MOTOR</b><br><b>PERFORMANCE SPECIFICATIONS</b> | INDEX       | MPCF-1033 |
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|                                                                                                                                                                               | SUPERSEDES  | 11/8/96   |
|                                                                                                                                                                               | REVISION    | 2         |
|                                                                                                                                                                               | WRITTEN BY  | MDC       |
|                                                                                                                                                                               | APPROVED BY | PAA       |

CUSTOMER: -  
TIC SR No.: -

| MOTOR NAMEPLATE DATA      |              |                |                |
|---------------------------|--------------|----------------|----------------|
| H.P.: 15                  | VOLTS: 460   | 3 PH / 60 Hz   | S. RPM: 1200   |
| FRAME: 160L               | ENCL: TEFC   | FLAMPS: 19.5   | FLRPM: 1175    |
| FORM: FBKL1               | S.F.: 1.15   | NEMA DESIGN: A | INSUL CLASS: F |
| TYPE: IKKH                | AMB.: 40°C   | CODE: K        | DUTY: Cont.    |
| MODEL No.: 0116SDMW7HS-PL |              | kW: 11         |                |
| NOM. EFF.: 91.7           | MIN. EFF.: - | P.F.: 76.5     |                |

| AMPERAGE          | TORQUES                 | **BEARINGS:                     |
|-------------------|-------------------------|---------------------------------|
| LOCKED ROTOR: 159 | FULL LOAD (lb.-ft.): 66 | DRIVE END: REFER TO NP          |
|                   | LOCKED ROTOR (%): 340   | OPPOSITE DRIVE END: REFER TO NP |
|                   | BREAK DOWN (%): 315     |                                 |

| EFFICIENCY      | POWER FACTOR    |
|-----------------|-----------------|
| FULL LOAD: 92.1 | FULL LOAD: 76.9 |
| 3/4 LOAD: 91.6  | 3/4 LOAD: 71.9  |
| 1/2 LOAD: 89.7  | 1/2 LOAD: 61.6  |

|                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>ALL CHARACTERISTICS ARE AVERAGE EXPECTED VALUES BASED UPON RATED VOLTAGE, FREQUENCY AND SINEWAVE POWER INPUT.</p> <p>THE DECLARED LOCKED ROTOR CURRENT HAS A TOLERANCE OF 20%.</p> <p>* TEMPERATURE RISE WILL BE CONSISTENT WITH INSULATION, AMBIENT AND SERVICE FACTOR AS DEFINED BY NEMA-MG-12 OR -20.</p> <p>** BEARINGS ARE THE ONLY RECOMMENDED SPARE PART(S).</p> |
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**CERTIFIED BY:** Zichao Xie

**DATE:** 9/10/2020

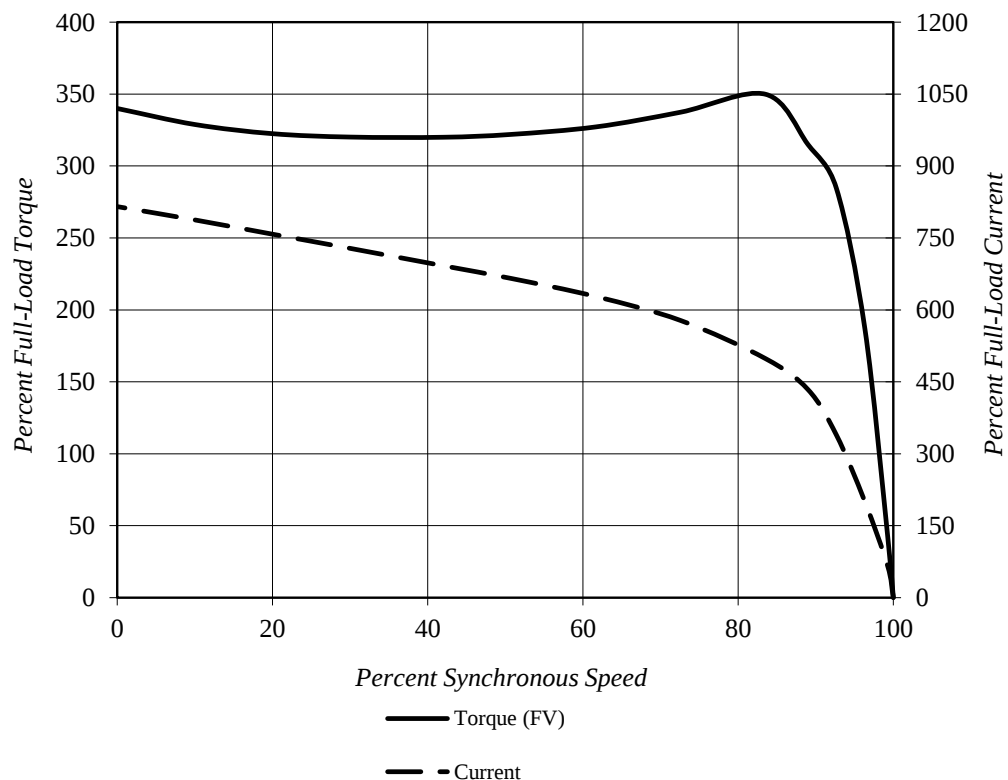
# TOSHIBA INTERNATIONAL CORPORATION

## Speed Torque/Current Curve

|                   |                |                       |                        |                    |               |
|-------------------|----------------|-----------------------|------------------------|--------------------|---------------|
| <b>Model #:</b>   | 0116SDMW7HS-PL |                       |                        | <b>FLAmps:</b>     | 19.5          |
| <b>Enclosure:</b> | TEFC           | <b>Voltage:</b>       | 460 V                  | <b>Frame:</b>      | 160L          |
| <b>Pole:</b>      | 6              | <b>Frequency:</b>     | 3 PH / 60 Hz           | <b>Ins. Class:</b> | F             |
| <b>HP:</b>        | 15             | <b>Rotor Inertia:</b> | 3.9 lb-ft <sup>2</sup> | <b>Date:</b>       | 9/10/2020     |
| <b>FLRPM:</b>     | 1175           | <b>Load Inertia:</b>  | N/A                    | <b>File:</b>       | GH6011 (11kW) |

|                             |          |                     |     |
|-----------------------------|----------|---------------------|-----|
| <b>Locked Rotor Amps:</b>   | 159 A    | <b>Load Type:</b>   | N/A |
| <b>Locked Rotor Torque:</b> | 340%     | <b>Starting at:</b> | N/A |
| <b>Breakdown Torque:</b>    | 315%     | <b>Accel. Time:</b> | N/A |
| <b>Rated Torque:</b>        | 66 lb-ft |                     |     |

### Design Values



**Comments:** PROJECT -

**D.E.Curve #:** GH6011 (11kW)

**Prepared by:** Zichao Xie

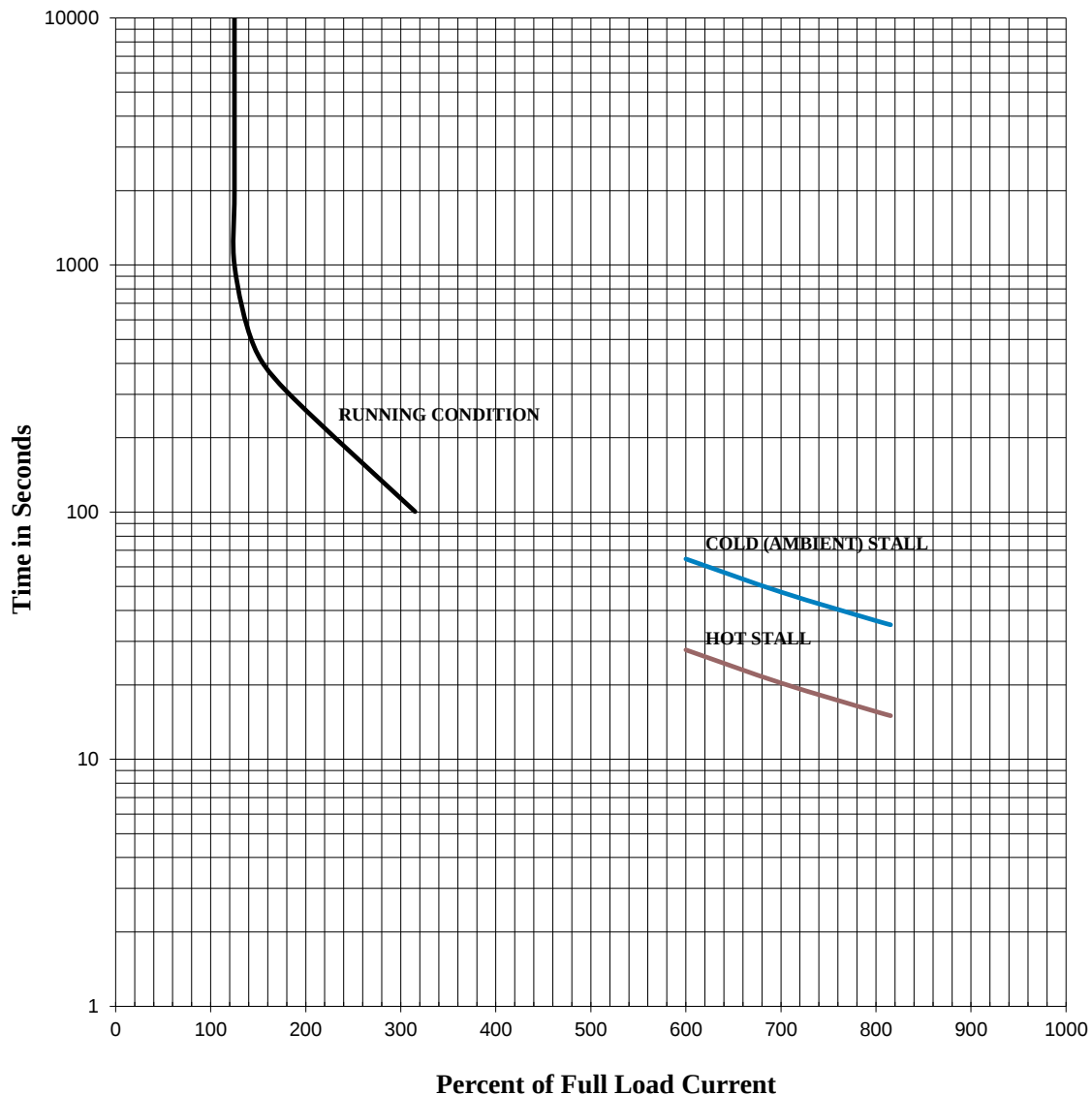
**Checked by:**

# TOSHIBA INTERNATIONAL CORPORATION

## Thermal Limit & Acceleration Curves

Design Values (For Reference Only)

|                   |                |                       |                        |                    |               |
|-------------------|----------------|-----------------------|------------------------|--------------------|---------------|
| <b>Model #:</b>   | 0116SDMW7HS-PL |                       |                        | <b>FLAmps:</b>     | 19.5          |
| <b>Enclosure:</b> | TEFC           | <b>Voltage:</b>       | 460 V                  | <b>Frame:</b>      | 160L          |
| <b>Pole:</b>      | 6              | <b>Frequency:</b>     | 3 PH / 60 Hz           | <b>Ins. Class:</b> | F             |
| <b>HP:</b>        | 15             | <b>Rotor Inertia:</b> | 3.9 lb-ft <sup>2</sup> | <b>Date:</b>       | 9/10/2020     |
| <b>FLRPM:</b>     | 1175           | <b>Load Inertia:</b>  | N/A                    | <b>File:</b>       | GH6011 (11kW) |



**Comments:** PROJECT -  
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**D.E.Curve #:** GH6011 (11kW)

**Prepared by:** Zichao Xie

**Checked by:**