

3.00" NPT CONDUIT

8x0.66 HOLES

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)

0.500" x 0.500" x 2.00"

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.

**360TS TEFC FRAME  
F1 ASSEMBLY**

MDSL042-07

**TOSHIBA**

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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	04/22/14	JR
0	FIRST ISSUE	N. MOMIN	11/18/10	JR
NO				



DRAWN BY: N. MOMIN  
CHECK BY: J. RUSSELL  
APPROVED BY:

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**TYPICAL MOTOR PERFORMANCE DATA**

Model: 0752XSSB41B-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
75	55	2	3550	365TS	460	60	3	86
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	93.6	B	G	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	75	55.9	86.0	93.6	89.3
¾ Load	56.25	41.9	64.7	93.2	88.6
½ Load	37.50	28.0	45.7	91.6	84.7
¼ Load	18.75	14.0	28.9	86.6	70.1
No Load			21.0		7.3
Locked Rotor			542.00		36.3

Torque				Rotor wk <sup>2</sup> Inertia (lb-ft <sup>2</sup> )
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
111	215	185	270	12.57

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
15.2	7.9	-	6312C3	6312C3	

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

**Motor Options:**  
Product Family:EQP Global 840  
Mounting:Footed,Shaft:TS Shaft

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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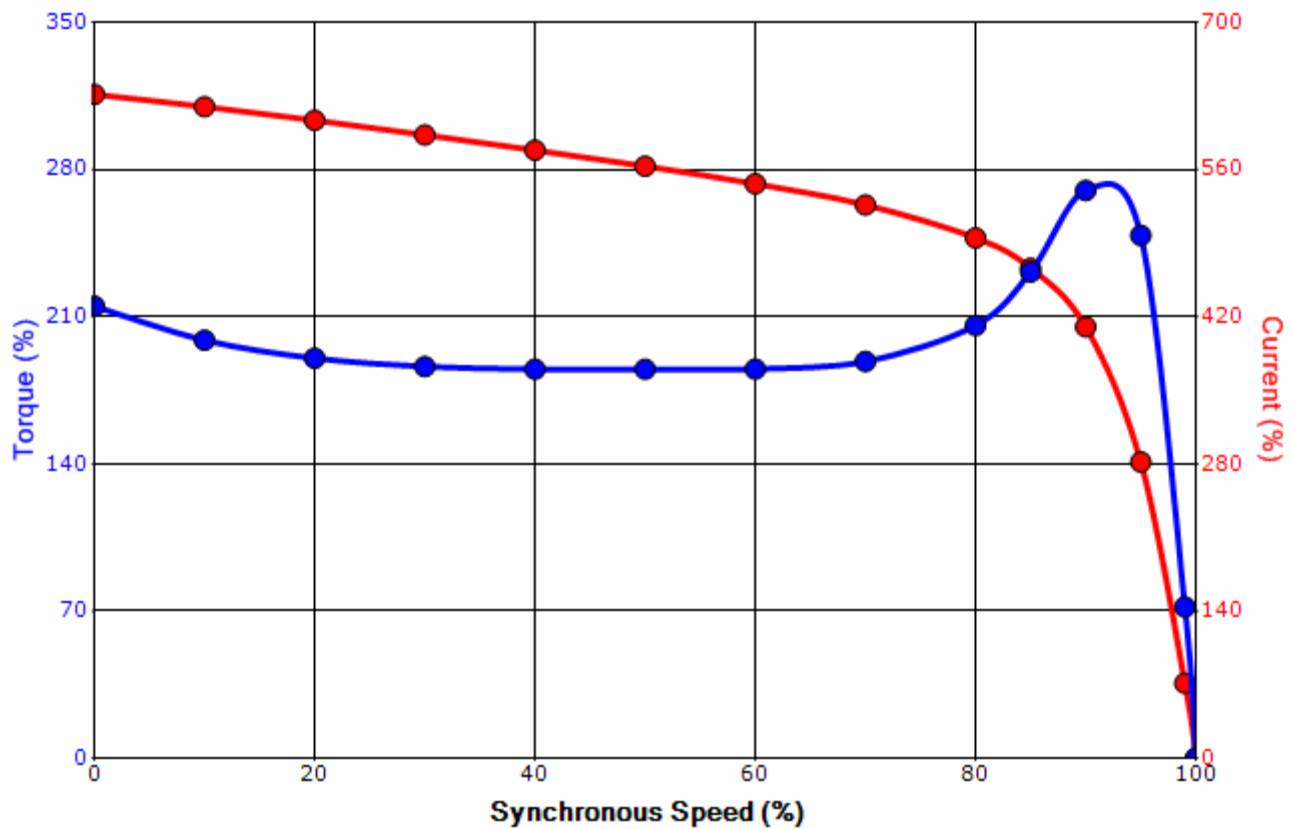
Engineering	jaustin	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	7/7/2014	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

**SPEED TORQUE/CURRENT CURVE**

Model: 0752XSSB41B-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
75	55	2	3550	365TS	460	60	3	86
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	93.6	B	G	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 (%)				
542.00	12.57	111	215	185			270	

**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	-

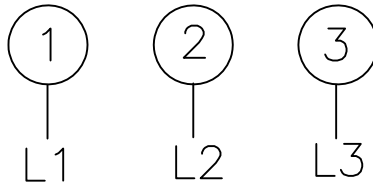
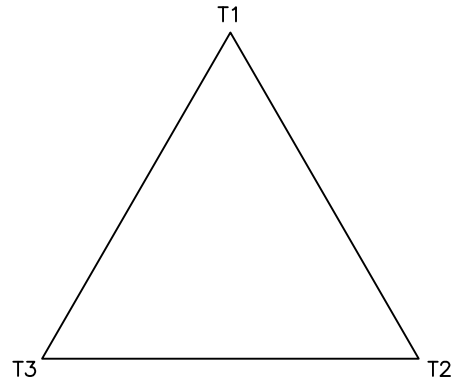
Tag:

All characteristics are average expected values.

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

### Motor Connection Diagram 3 Leads - Delta Connection



Switch L1 and L2 to reverse rotation

Each lead may consist of more than one cable.  
If multiple cables represent a single lead, each one  
of them will be labeled with the appropriate lead number.