

UNITS: INCHES
 ROTATION FROM NDE

CCW CW

NOTES:
 1. MAIN CONDUIT BOX MAY BE ROTATED IN 90° INCREMENTS
 2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE.
 3. KEY DIMENSIONS EQUAL 0.25"x 0.25"x 2.53" (MOTOR SUPPLIED WITH KEY)

TOSHIBA RESERVES THE RIGHT TO MAKE CHANGES OF TECHNICAL IMPROVEMENT AND THE DATA MAY CHANGE WITHOUT NOTICE PRELIMINARY
 DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING IS MARKED AS CERTIFIED CERTIFIED

TOSHIBA SEVERE DUTY
 www.toshiba.com/tic **EQP Global SD**
TOSHIBA INTERNATIONAL CORPORATION

**TOTALLY ENCLOSED FAN COOLED
 HORIZONTAL FOOT MOUNTED
 3 PHASE INDUCTION MOTOR
 324JM/326JM F1 ASSEMBLY**

DRAWING #: MDSLVI08-06
REV. DATE: 10/10/22 **REV. #:** 4 **PER.:** M. O'DOWD
REV. DESCRIP.: UPDATED TOLERANCES

TYPICAL MOTOR PERFORMANCE DATA

Model: 0402SDJC41M-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
40	30	2	3540	324JM	575	60	3	38
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	92.4	B		40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	40.00	29.8	38	92.5	87.7
¾ Load	30.00	22.4	28	91.7	86.0
½ Load	20.00	14.9	20	89.5	80.9
¼ Load	10.00	7.5	13.9	83.6	64.2
No Load			9.7		
Locked Rotor			232		42.1

Torque				Rotor wk ²
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	Inertia (lb-ft ²)
59.3	270	225	280	5.74

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
35	15	-	6312ZC3	6312ZC3	0

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

Motor Options:
Mounting:Footed,Shaft:JM Shaft

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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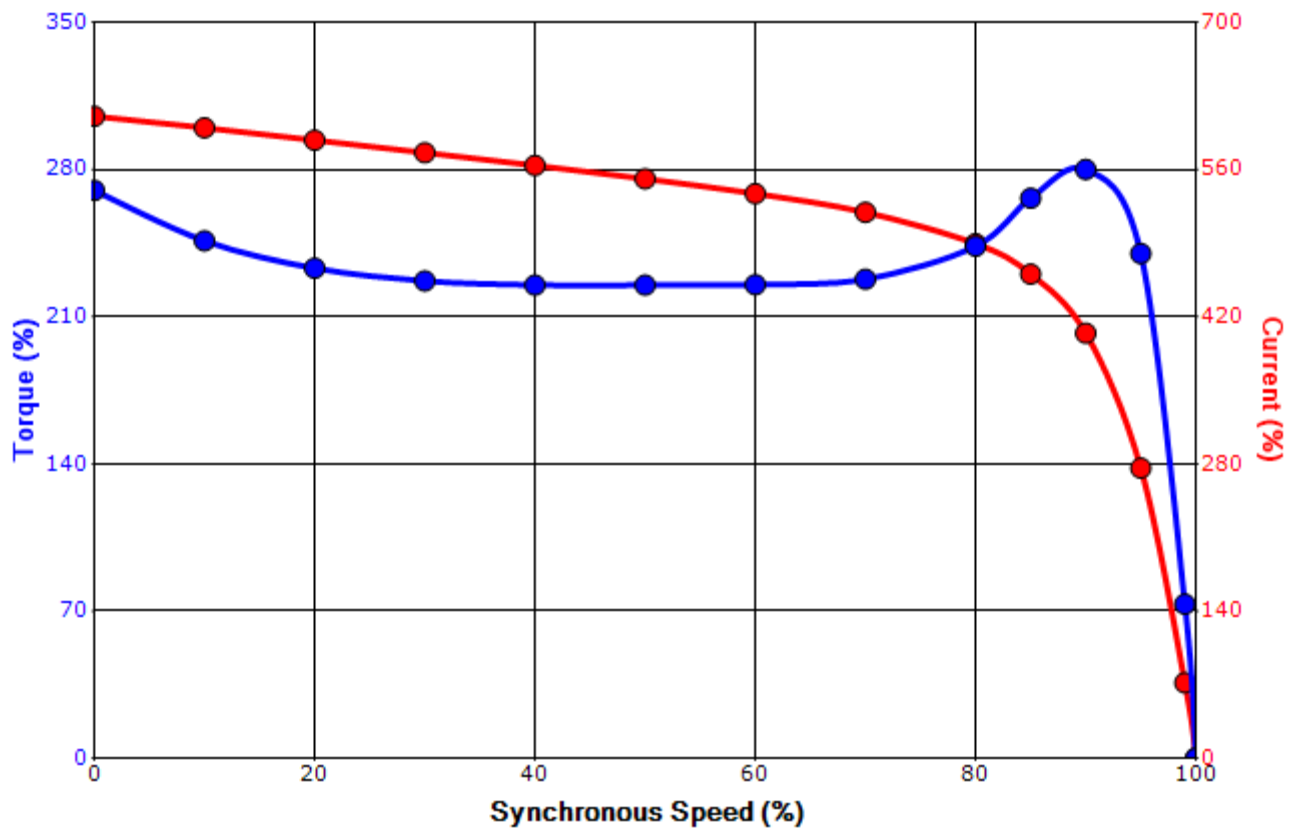
Engineering	garce	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	8/21/2015	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

SPEED TORQUE/CURRENT CURVE

Model: 0402SDJC41M-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
40	30	2	3540	324JM	575	60	3	38
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	92.4	B		40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						Break Down (%)
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)				
232	5.74	59.3	270	225			280	

Design Values



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

Tag:

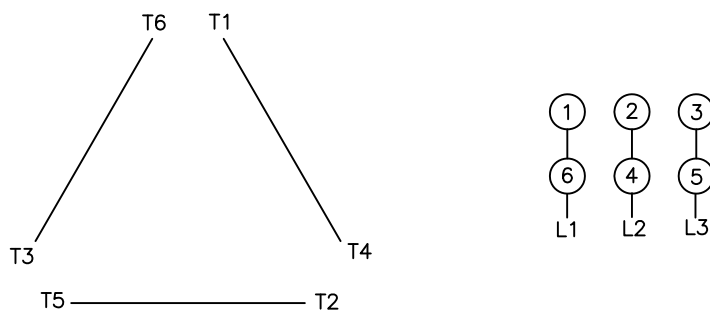
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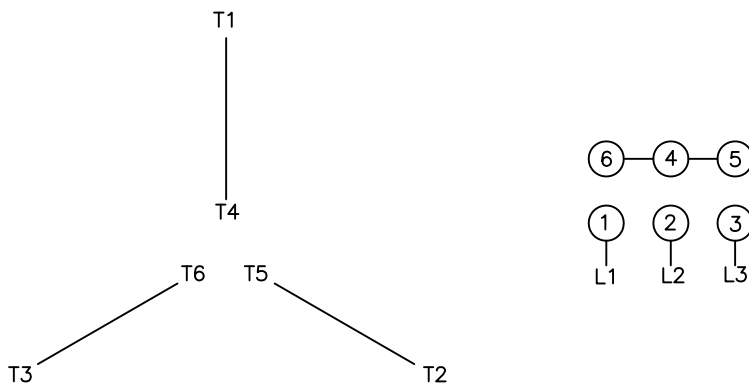
Engineering	garce	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
Engr. Date	8/21/2015	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

Motor Connection Diagrams
6 Leads

Across the Line Starting / Run - Delta:



Alternate Starting Connection - Wye:



Switch L1 and L2 to reverse rotation