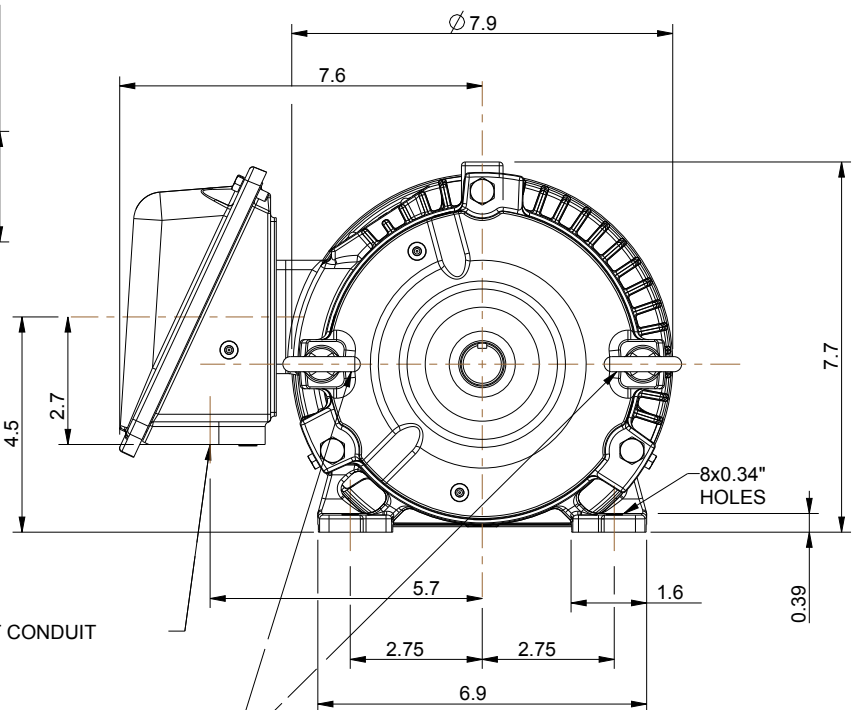
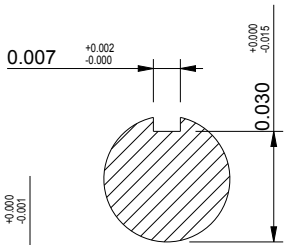
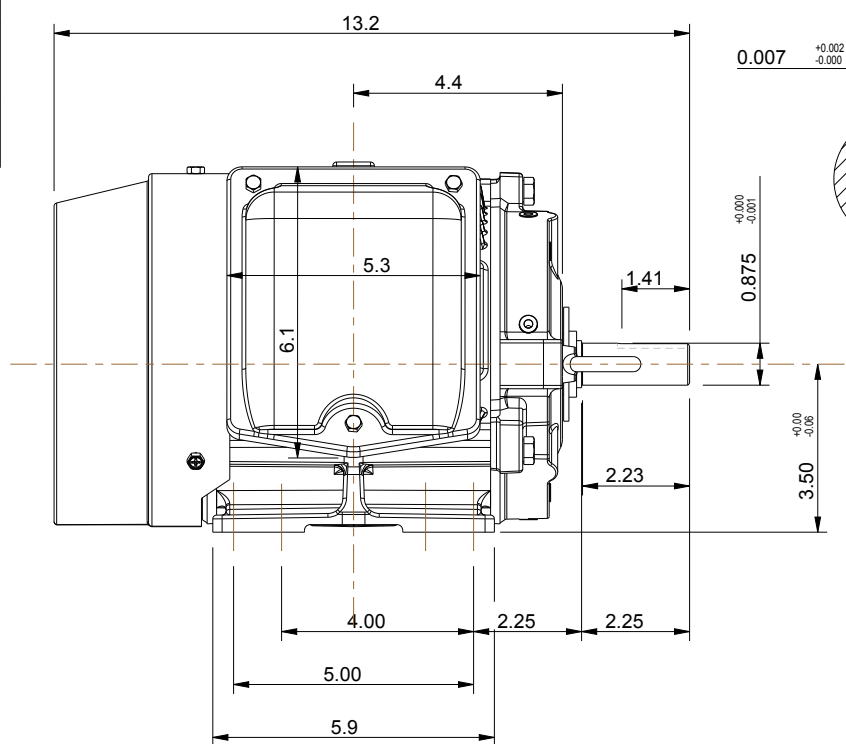
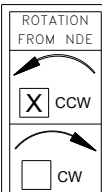




0.75" NPT CONDUIT

EYEBOLTS FOR VERTICAL LIFTING

- 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)
- 0.188" x 0.188" x 1.38"

UNITS: INCHES

BEARINGS		APPROX. WEIGHT
LS	OS	
6305ZZC3	6305ZZC3	56 lbs

CUSTOMER: _____ MOTOR MODEL NO.: _____

P.O. NO.: _____ HP: _____ VOLTAGE: _____ RPM(SYN.): _____ HZ: _____

FRAME SIZE: 140T PRODUCT TYPE: COOLING TOWER

COMMENTS: _____

PER: _____ DATE: _____

TAG NUMBERS

_____	_____
_____	_____
_____	_____
_____	_____

- ☒ STANDARD (NO AUX. BOXES)
- ☐ RTD AUX. BOX
- ☐ SPACE HEATER AUX. BOX
- ☐ BEARING RTD's

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
TOSHIBA INTERNATIONAL CORPORATION

MDSL503-01
TOTALLY ENCLOSED FAN COOLED
3 PHASE INDUCTION MOTOR
F1 ASSEMBLY

SEVERE DUTY
EQP Global CT
XT SERIES
www.toshiba.com/ind

TYPICAL MOTOR PERFORMANCE DATA

Model: 0014SDGC41A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1.01	0.75	4	1765	143T	575	60	3	1.3
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56	F	1.15	CONT	82.5	B		40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	1.01	0.7	1.3	85.3	67.9
¾ Load	0.75	0.6	1.1	83.3	60.2
½ Load	0.50	0.4	0.8	80.4	55.1
¼ Load	0.25	0.2	0.8	66.4	35.5
No Load			0.8		
Locked Rotor			10.8		

Torque				Rotor wk² Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
2.99	315	235	480	0.11

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
35	15	-	6305ZZC3	6305ZZC3	

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

Motor Options:
Mounting:Footed,Shaft:T Shaft

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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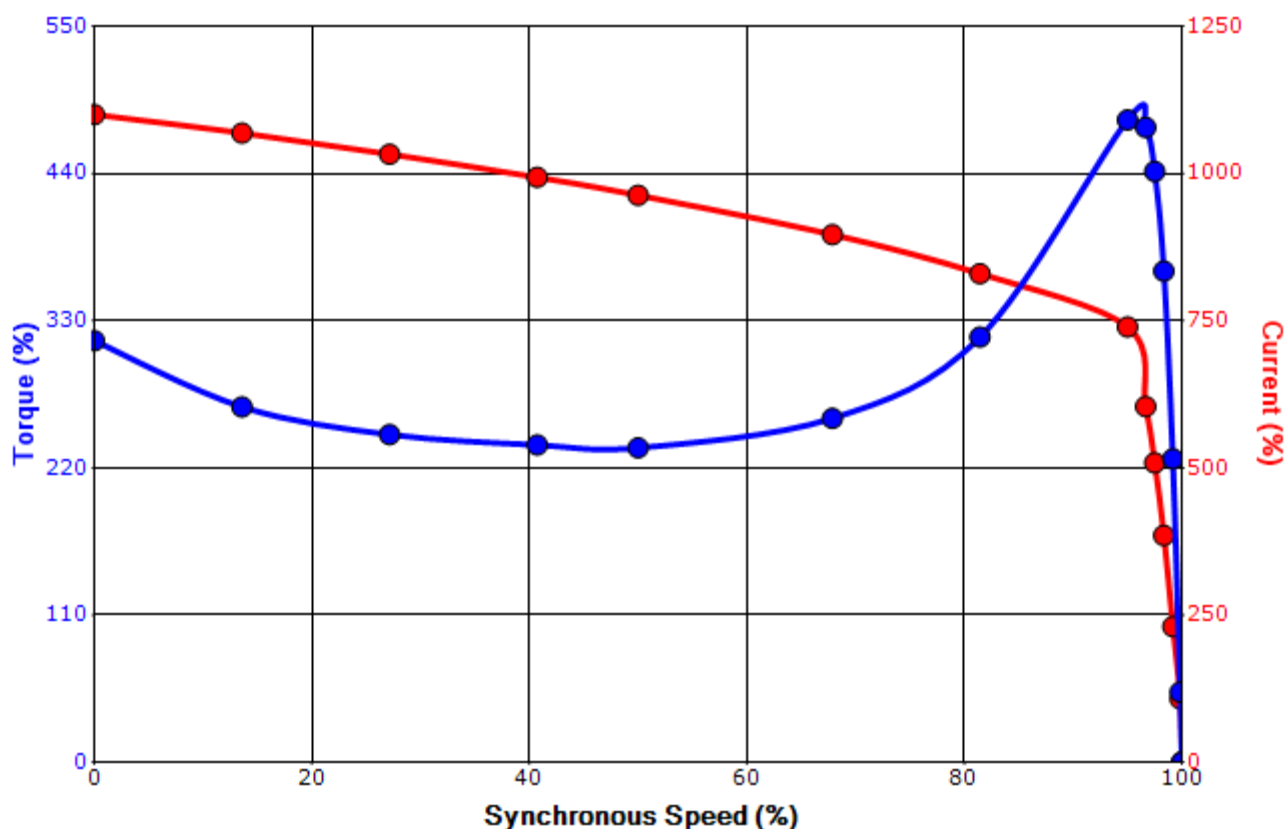
Engineering	bammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	8/26/2025	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

SPEED TORQUE/CURRENT CURVE

Model: 0014SDGC41A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1.01	0.75	4	1765	143T	575	60	3	1.3
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56	F	1.15	CONT	82.5	B		40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)		Break Down (%)		
10.8	0.11	2.99	315	235		480		

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.

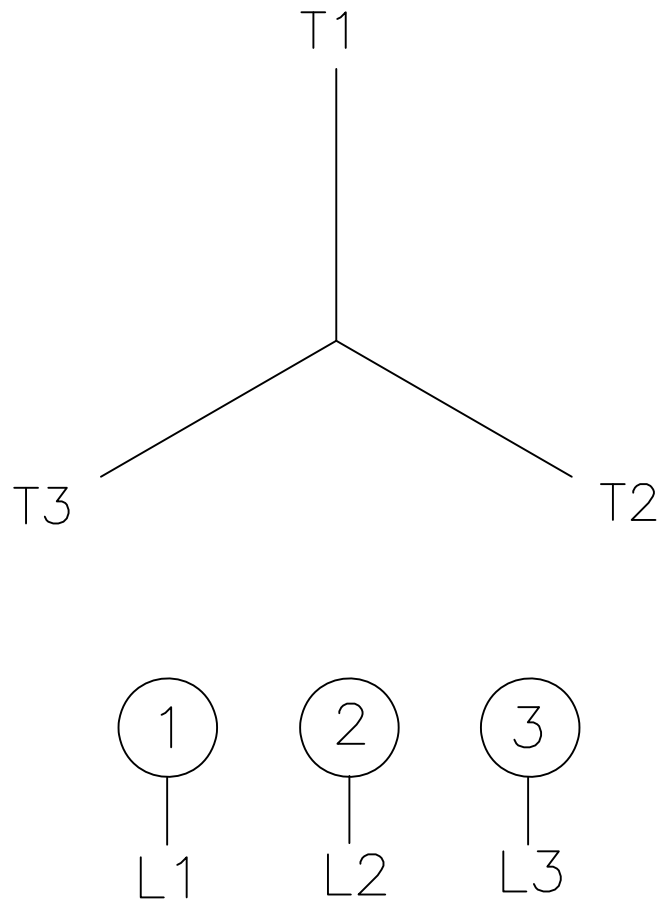
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Engineering	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
Engr. Date	8/26/2025	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

Motor Connection Diagram

3 Leads - Wye Connection

Single Voltage



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.