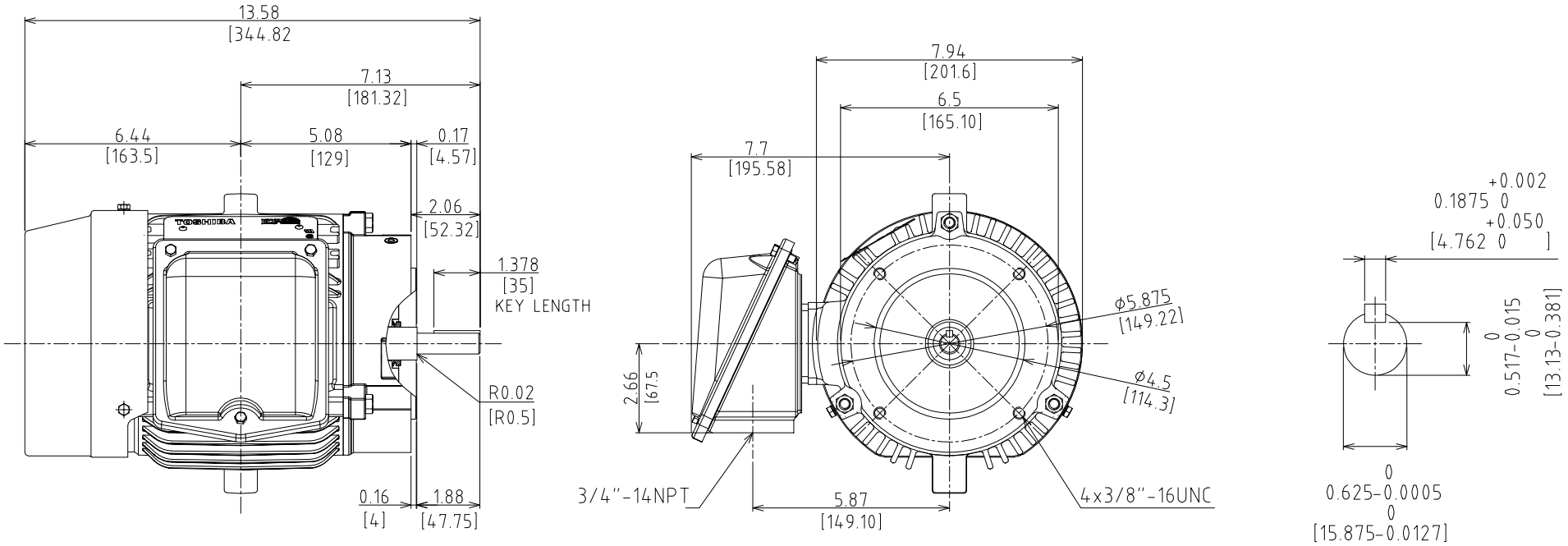

UNITS: INCHES ROTATION FROM ODE X CCW CW	NOTES: 1. MAIN CONDUIT BOX MAY BE ROTATED IN 90° INCREMENTS 2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE. 3. KEY DIMENSIONS EQUAL 0.1875"X0.1875"X1.378" (MOTOR SUPPLIED WITH KEY)

TOSHIBA

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TOSHIBA INTERNATIONAL CORPORATION

EQP Global SD

TOTALLY ENCLOSED FAN COOLED ROUND BODY C-FACED 3 PHASE INDUCTION MOTOR 56C/56HC F1 ASSEMBLY

DRAWING #: 3HFN000613/MDSLV125-03

REV. DATE: 2/14/20 REV. #: 1 PER.: N.Danh

REV. DESCRIP.: Remove dimension KEY

Issued Date	11/20/2024	Transmit #	
Issued By	dschoeck	Issued Rev	

TOSHIBA
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TYPICAL MOTOR PERFORMANCE DATA

Model: 0016SDSC44H-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1	0.75	6	1165	56C	575	60	3	1.3

Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	82.5	B		40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	1.00	0.7	1.3	84.3	67.2
¾ Load	0.75	0.6	1.1	83.1	59.0
½ Load	0.50	0.4	0.9	80.0	50.0
¼ Load	0.25	0.2	0.8	68.8	33.2
No Load			0.8		7.7
Locked Rotor			9.4		55.7

Torque				Rotor wk² Inertia
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(lb-ft²)
4.51	250	180	350	0.18

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold	Hot		DE	NDE	(lbs)
35	15		6305ZZ	6305ZZ	56

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

Motor Options:
Mounting:C-Face Round,Shaft:56

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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

Engineering	spinzon	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	8/5/2024	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

Issued Date	11/20/2024	Transmit #	
Issued By	dschoeck	Issued Rev	

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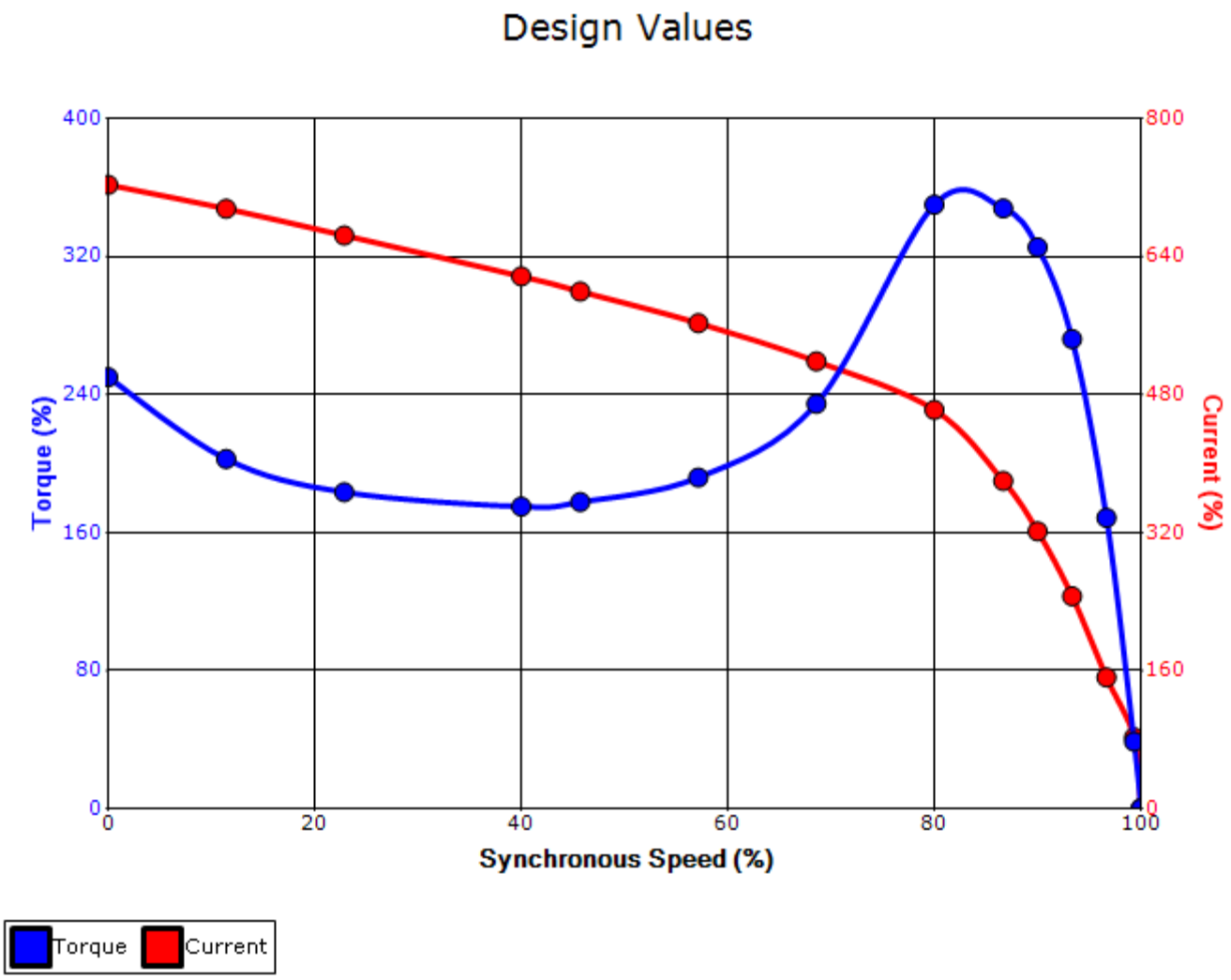
SPEED TORQUE/CURRENT CURVE

Model: 0016SDSC44H-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1	0.75	6	1165	56C	575	60	3	1.3

Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	82.5	B		40 C

Locked Rotor Amps	Rotor wk² Inertia (lb-ft²)	Torque			
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
9.4	0.18	4.51	250	180	350



Customer				wk² Load Inertia (lb-ft²)	-
Customer PO				Load Type	-
Sales Order				Voltage (%)	100
Project #				Accel. Time	-

Tag:

All characteristics are average expected values.

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

Engineering	spinzon	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
Engr. Date	8/5/2024	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

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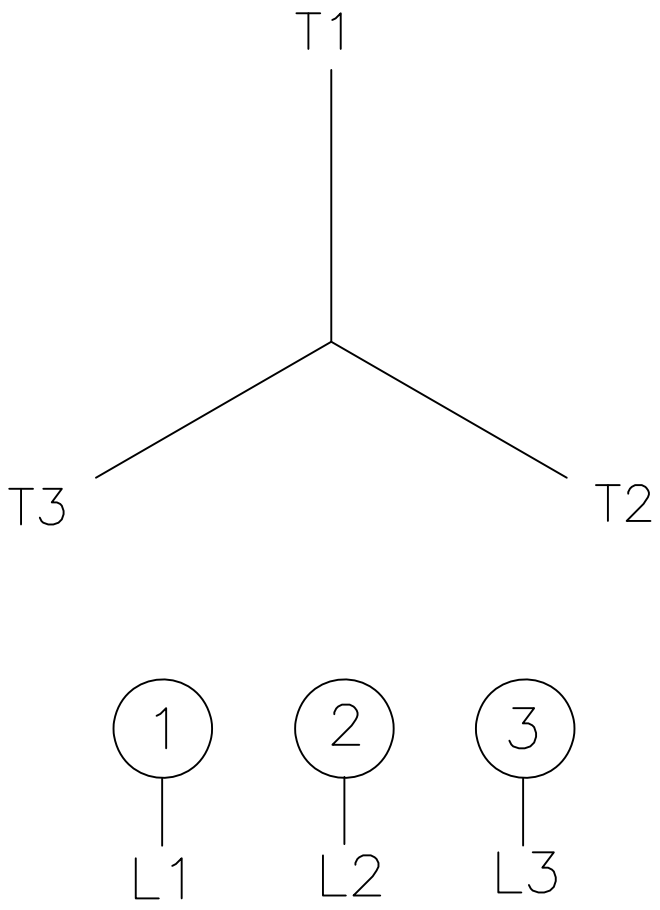
3SY

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.

By: R. Murillo	Date: 4/9/08	Checked:	Date:	Revision 0