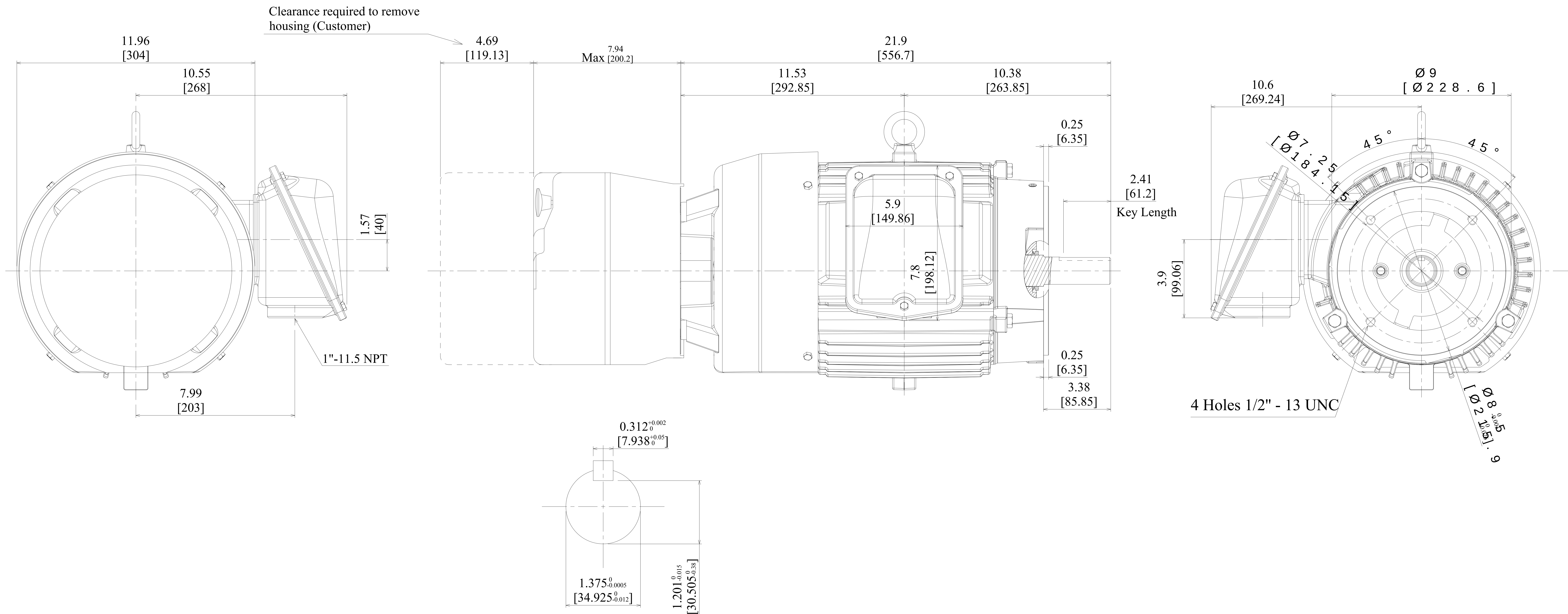
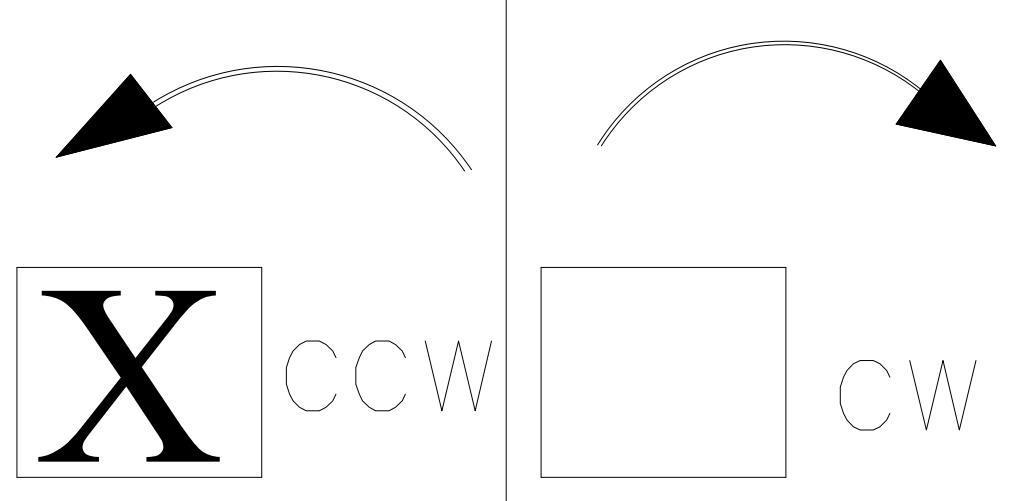




UNITS:INCHES[MM]

ROTATION FROM NDE



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 0.313"x0.313"x2.38"(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

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TOSHIBA INTERNATIONAL CORPORATION

SEVERE DUTY

EQP

Global

SD

TOTALLY ENCLOSED FAN COOLED
ROUND BODY C-FACED
3 PHASE INDUCTION MOTOR
213TC/215TC F1 ASSEMBLY

DRAWING #:

MDSLV132-03

REV. DATE:

08/08/2018

REV. #:

0

PER.:

L.LIAN

REV. DESCRIP.:

TEFC BRAKE ROUND BODY FRAME

TYPICAL MOTOR PERFORMANCE DATA

Model: 0056SDBC44A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
5	3.7	6	1170	215TC	575	60	3	5.4
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	89.5	B		40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	5.00	3.7	5.4	90.4	76.2
¾ Load	3.75	2.8	4.4	90.1	70.9
½ Load	2.50	1.9	3.5	88.0	60.8
¼ Load	1.25	0.9	2.3	81.8	48.0
No Load			2.7		5.0
Locked Rotor			40		42.7

Torque				Rotor wk² Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
22.4	245	175	300	1.32

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
35	15	-	6308ZZC3	6308ZZC3	209

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

Motor Options:
Product Family:EQP Global Brake
Mounting:C-Face Footed,Shaft:T Shaft
Brake Torque (lb-ft): 35.00

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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

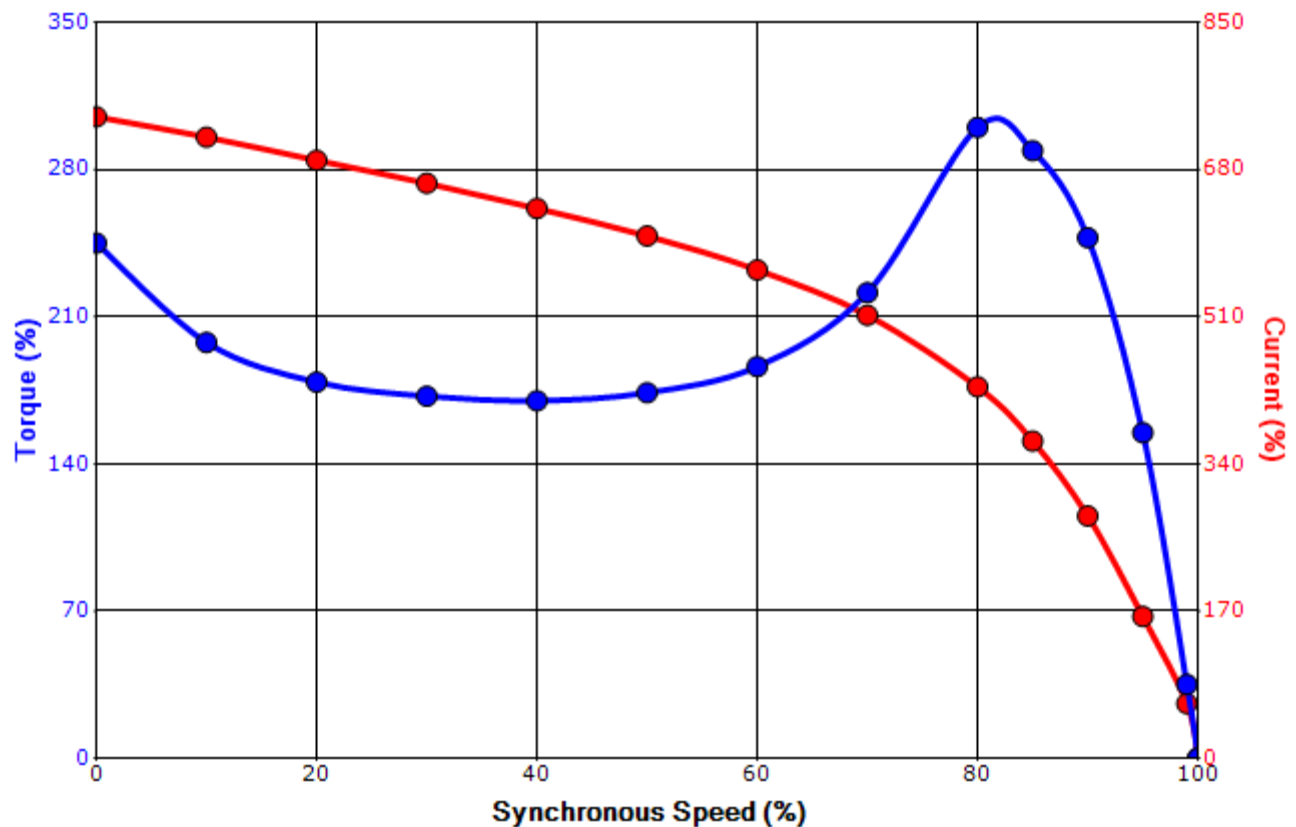
Engineering	spinzon	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	8/7/2024	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

SPEED TORQUE/CURRENT CURVE

Model: 0056SDBC44A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
5	3.7	6	1170	215TC	575	60	3	5.4
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	89.5	B		40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)		Break Down (%)		
40	1.32	22.4	245	175		300		

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.

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

Engineering	spinzon	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
Engr. Date	8/7/2024	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