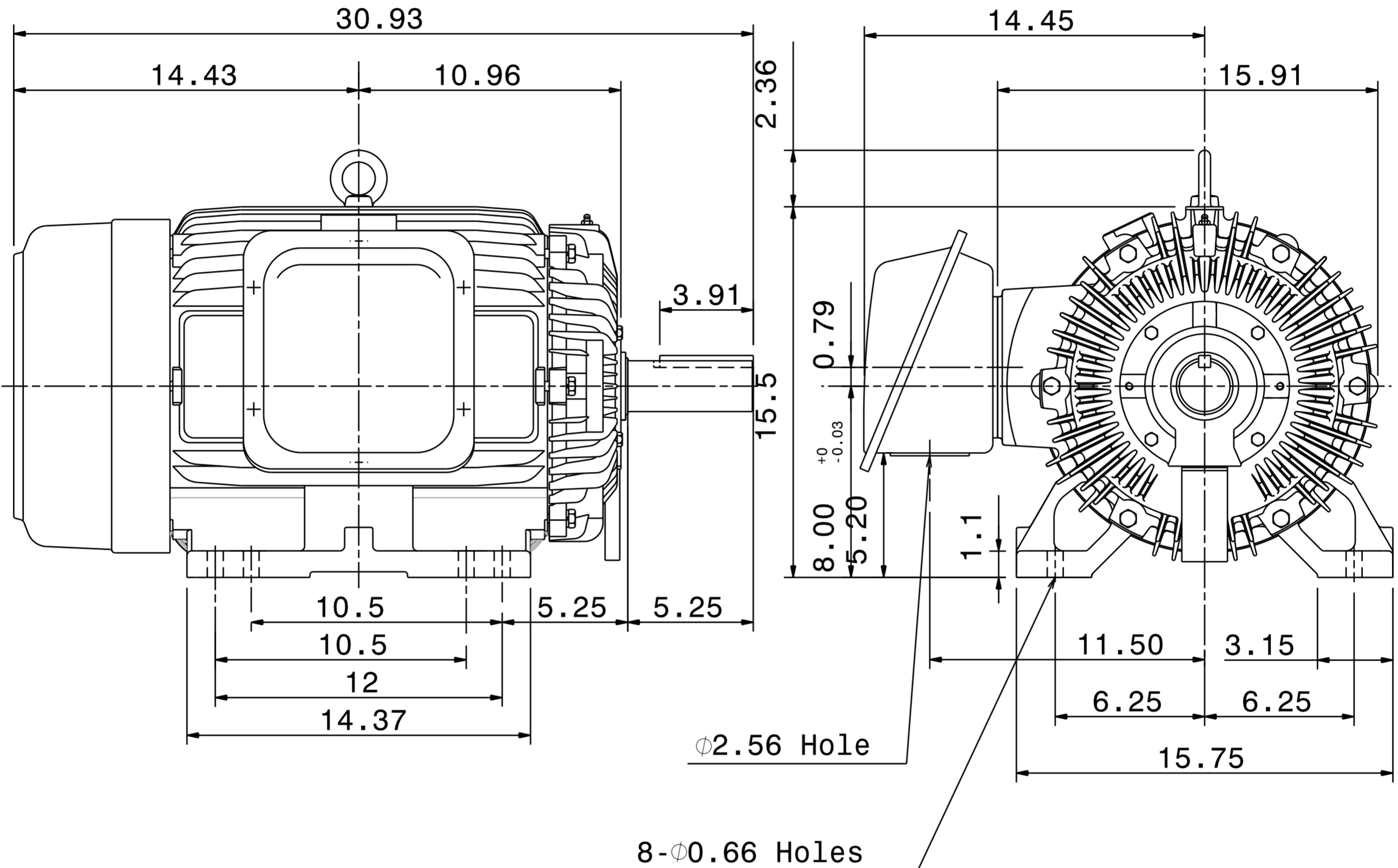


DATE JUNE. 8, 2020	OUTLINE DIMENSIONS 3-PHASE INDUCTION MOTOR	MOTOR TYPE: AEHH8P
CAT.#: NP0306		FRAME NO. 326T(X)

Pole	HP	kW	Hz	VOLT	r/min(rpm)
6	30	22	60	230/460	1200

Ins	Rating	Dimension in	Approx Weight	Bearings	
F	CONT.	inch	545 lbs	DE: 6312	NDE: 6310

Totally Enclosed Fan-Cooled Type. Squirrel-cage Rotor.



1	01.17.20	Enlarge T-BOX volume.	Z.L.LEE
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DWG.	J.F.CHEN	07.11.19	TECO Westinghouse	DWG NO.	31057M097061
CHKD.	M.C.JENG	07.16.19			
APPD.	M.C.JENG	07.16.19			

TECO Westinghouse

ISSUED 07/23/19	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AEHH8P	3-PHASE INDUCTION MOTOR	CATALOG# NP0306

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIEN	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
30	22	6	326T(X)	460	60	40°C	F	B	CONT.	1.15

TYPICAL PERFORMANCE

FULL LOAD RPM	EFFICIENCY				POWER FACTOR			MAXIMUM POWER FACTOR CORRECTION
	FULL LOAD		3/4 LOAD %	1/2 LOAD	F. L. %	3/4 LOAD	1/2 LOAD	
	NOM. %	MIN. %						
1175	93.0	91.7	93.6	93.6	81.5	78.5	71.0	3.51 KVAR

CURRENTS			NEMA KVA CODE LETTER
NO LOAD	FULL LOAD	LOCKED ROTOR	
11.6	37.1	218	G

TORQUE				INERTIA			ACCEL TIME	
FULL LOAD lb-ft	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR WR ² lb-ft ²	NEMA LOAD WK ² lb-ft ²	MAX ALLOWABLE WK ² lb-ft ²	NEMA LOAD WK ² Sec	MAX ALLOWABLE WK ² Sec
134.05	240	200	250	12.372	384	803	5.09	10

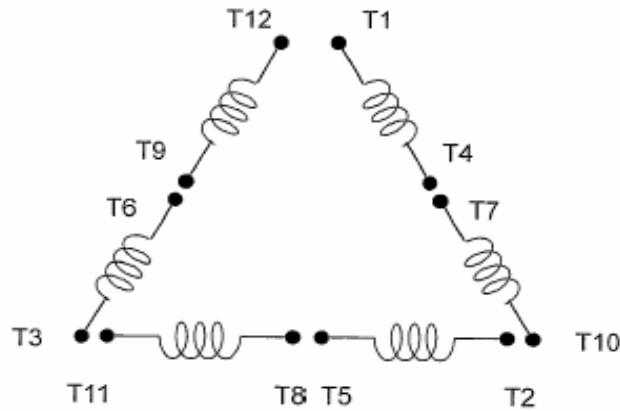
SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
17	12	2	1	

APPROVED:	D. Lu	DRAWING NO.	31057NP0306	REVISION 0
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DATE:
December 6, 2010

CONNECTION DIAGRAM

CATALOG NO.:
NP0306



SCHEMATIC - Δ / Y CONNECTION

ACROSS THE LINE CONNECTION



LINE
230 VOLT CONNECTION



LINE
460 VOLT CONNECTION

***CONTACT TWMC IF YOU HAVE ANY QUESTIONS REGARDING THE MOTOR CONNECTION.**

PH: 1-800-873-8326