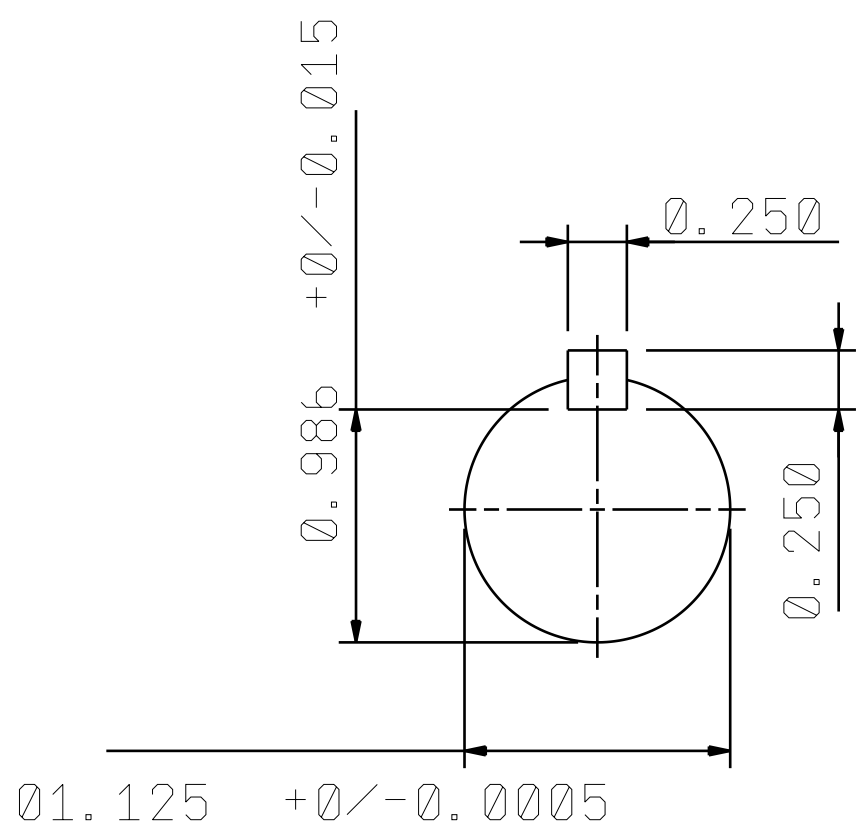
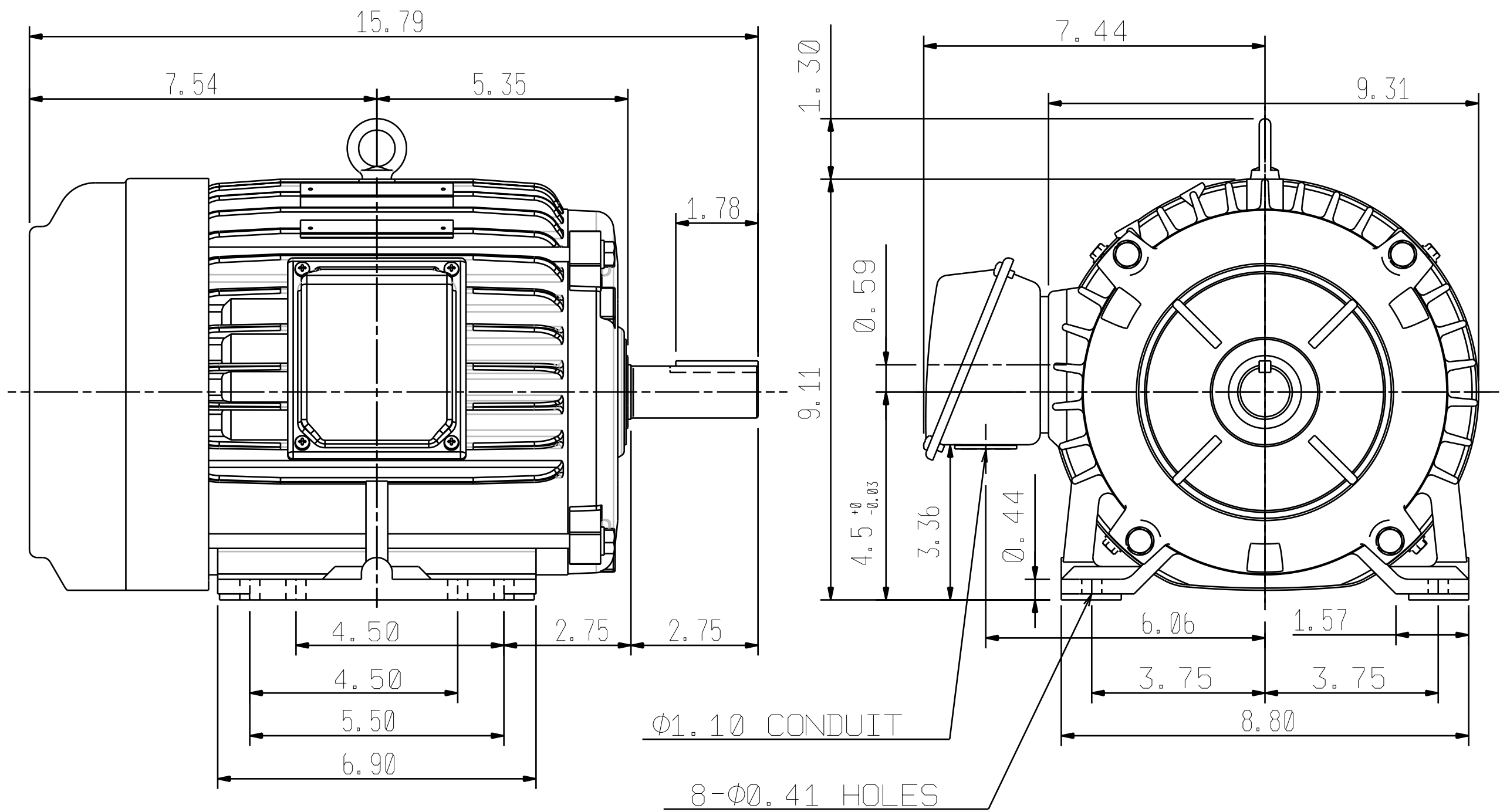




DATE MARCH. 3, 2020	OUTLINE DIMENSIONS 3-PHASE INDUCTION MOTOR	MOTOR TYPE: AEHH8P
CAT. #: NP0026		FRAME NO. 184T

Pole	HP	kW	Hz	VOLT	r/min(rpm)
6	2	1.5	60	230/460	1200
Ins	Rating	Dimension in	Approx Weight	Bearings	
F	CONT.	Inch	97 lbs	DE: 6306ZZ NDE: 6206ZZ	

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



① 07 19 19	Modified Dimensions	Mahato
------------	---------------------	--------

DWG.	W. F. PON	07 •15 49	TECO   Westinghouse	DWG NO.
CHKD.	M. C. JENG	07 •16 49		31049R342051
APPD.	M. C. JENG	07 •16 49		

TECO Westinghouse

ISSUED 8/29/2014	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE TEFC
TYPE AEHH8P		CATALOG# NP0026

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
2	1.5	6	184T	230/460	60	40°C	F	B	CONT.	1.15

VARIABLE FREQUENCY DRIVE SERVICE

VARIABLE TORQUE				OHMS/PHASE EQUIVALENT WYE CIRCUIT (AT RATED OPERATING TEMPERATURE 25°C)				
HZ	HP	RPM	TORQUE (lb-ft)	R1	R2	X1	X2	X _m
3~60	0.0003~2	60~1200	0.027~8.975	2.4842	3.3568	10.221	14.587	146.93

CONSTANT TORQUE				CONSTANT HORSEPOWER			
HZ	HP	RPM	TORQUE (lb-ft)	HZ	HP	RPM	TORQUE (lb-ft)
6~60	.2~2	120~1200	8.975	60~120	2	1200~2400	8.975~4.488

TYPICAL PERFORMANCE

FULL LOAD RPM	EFFICIENCY				POWER FACTOR			SOUND PRESSURE LEVEL @ 3 FT Db(A)
	FULL LOAD		3/4 LOAD %	1/2 LOAD %	FULL LOAD %	3/4 LOAD %	1/2 LOAD %	
	MIN.%	NOM.%						
1170	86.5	88.5	88.5	86.5	70.5	63	50.5	53

CURRENTS									NEMA KVA CODE LETTER	SAFE STALL TIME IN SECONDS	
NO LOAD			FULL LOAD			LOCKED ROTOR				COLD	HOT
AT 208 VOLT	AT 230 VOLT	AT 460 VOLT	AT 208 VOLT	AT 230 VOLT	AT 460 VOLT	AT 208 VOLT	AT 230 VOLT	AT 460 VOLT			
2.90	3.38	1.69	6.63	6.00	3.00	45.2	50.0	25	L	95	67

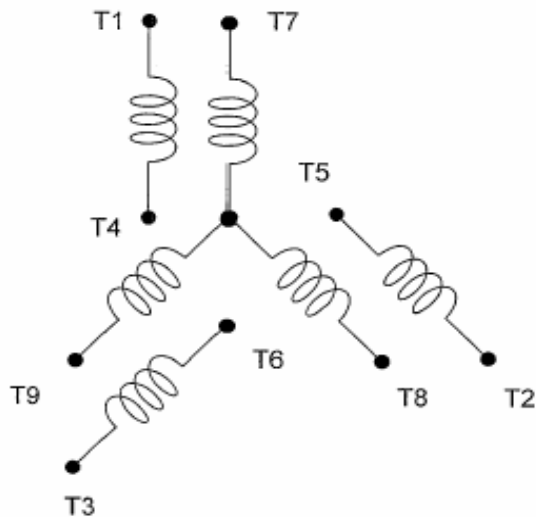
TORQUE				INERTIA			ACCEL TIME (DOL)		ALLOWABLE STARTS PER HOUR	
FULL LOAD (lb-ft)	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR WR ² (lb-ft ²)	NEMA LOAD WK ² (lb-ft ²)	MAX ALLOWABLE WK ² (lb-ft ²)	NEMA LOAD WK ² Sec	MAX ALLOWABLE WK ² Sec	COLD	HOT
8.98	180	150	270	0.423	30	219	6.08	43.88	2	1

APPROVED:	M. PRATER	DRAWING NO.	31057NP0026	REVISION:	1
-----------	------------------	-------------	--------------------	-----------	----------

DATE:
December 6, 2010

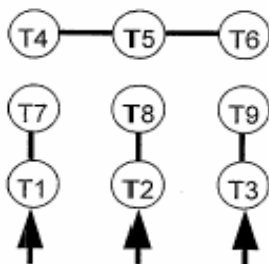
CONNECTION DIAGRAM

CATALOG NO.:
NP0026

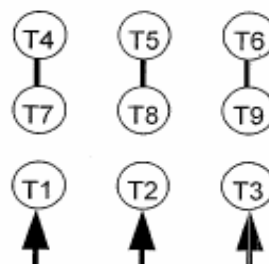


SCHEMATIC - 2Y/Y CONNECTION

ACROSS THE LINE CONNECTION



**LINE
230 VOLT CONNECTION**



**LINE
460 VOLT CONNECTION**