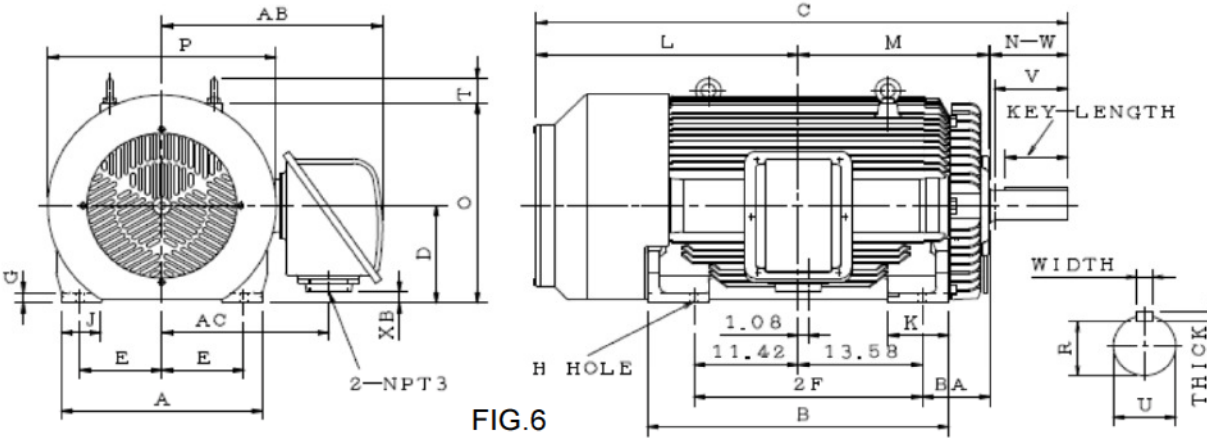
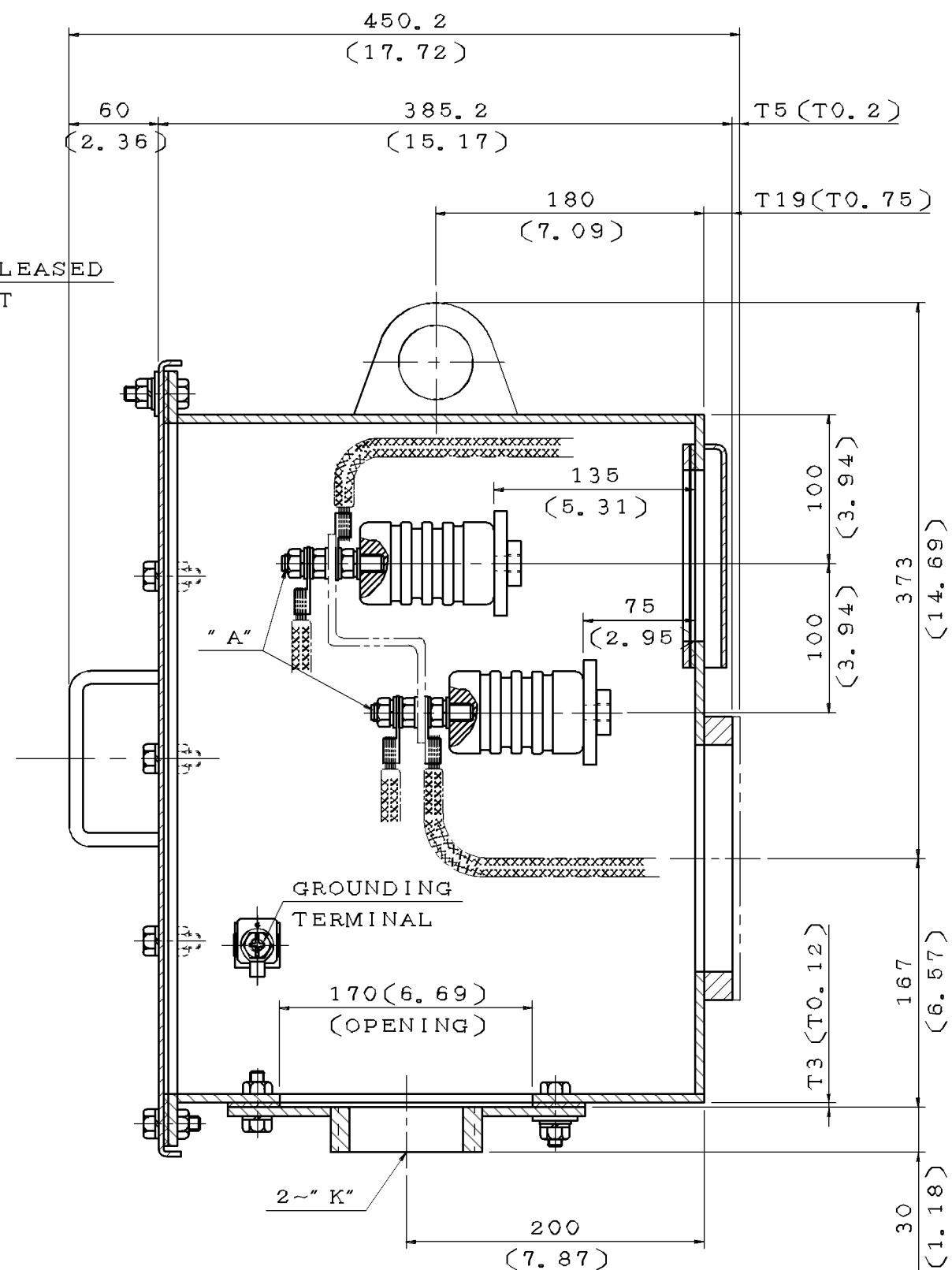
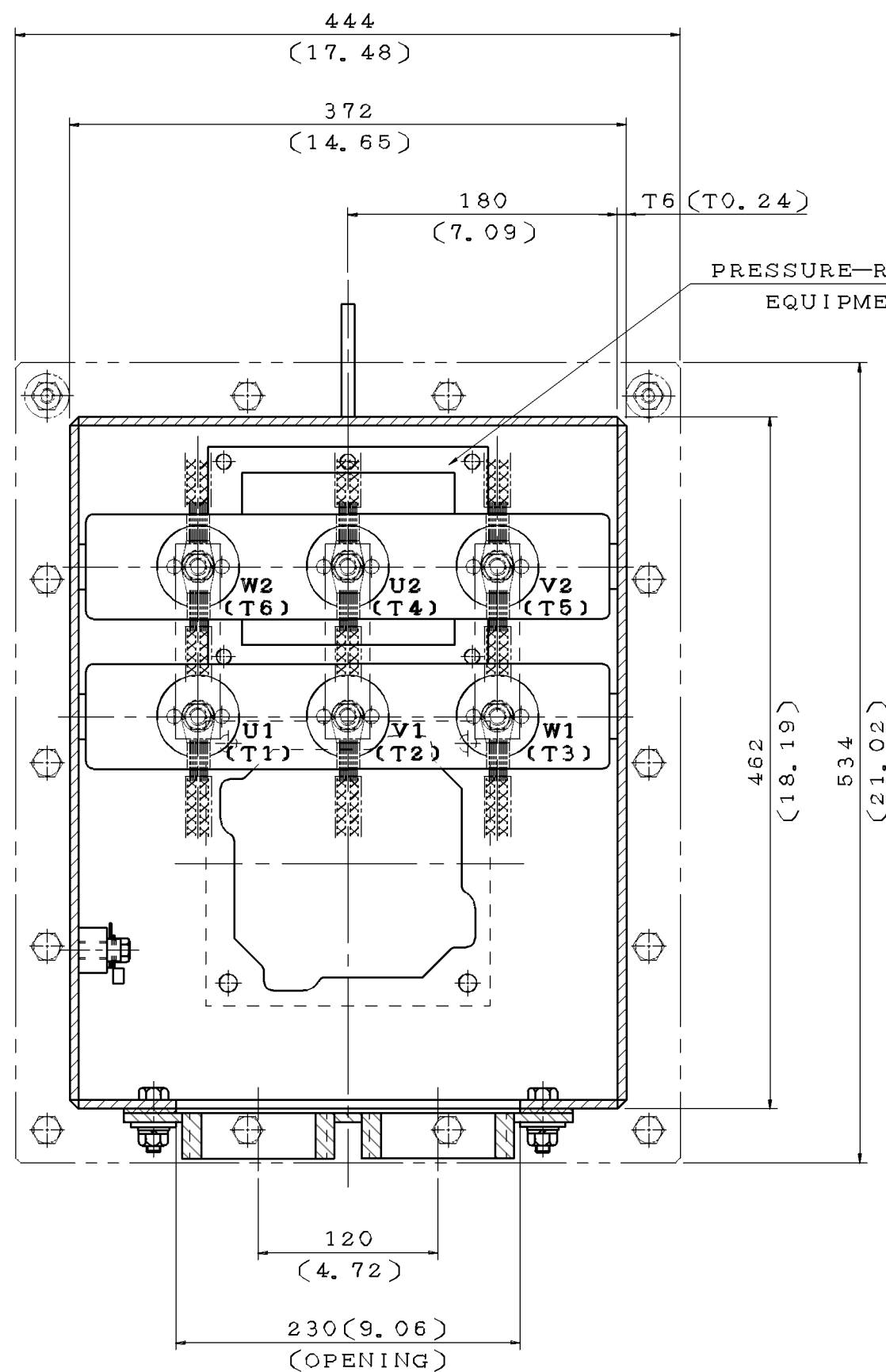


ISSUED 2-Dec-16			OUTLINE DIMENSION SHEET 3-PHASE INDUCTION MOTOR FRAME SIZE 449T										MODEL AEHHGD				
REVISED 20-Feb-17													PAGE				
Totally Enclosed Fan - Cooled Type, Squirrel - Cage Rotor																	
																	
Dimension in inches																	
Output (HP)			FRAME SIZE	FIG. NO.	Mounting				A	B	C	D	G	J	K	L	M
4P	6P	8P			E	2F	H	BA									
350	300	—	449T	6	9.00	25.00	0.81	7.50	22.05	33.05	58.63	11.00	1.20	4.35	6.70	29.05	20.67
350	300	—	449TZ		9.00	25.00	0.81	7.50	22.05	33.05	58.63	11.00	1.20	4.35	6.70	29.05	20.67
FRAME SIZE	O	P	T	Key			Keyseat R	Shaft Extension			Terminal Housing			Bearings		OPPOSITE DRIVE END	
				WIDTH	THICK	LENGTH		N-W	U	V	AB	AC	XB	DRIVE END			
449T	22.6	25.45	4.3	0.875	0.875	6.91	2.880	8.500	3.375	8.00	25.15	19.05	1.25	6320		6316	
449TZ	22.6	25.45	4.3	0.875	0.875	8.50	2.880	10.12	3.375	9.67	25.15	19.05	1.25	NU320		6316	
Note : 1. Dimension D tolerance : +0.00 inches, -0.06 inch. 2. Dimension U tolerance : +0.000 incjes, -0.001 inches. 3. Dimension R tolerance : +0.000 inches, -0.015 inches. 4. Dimension V is the length of straight part of shaft.																	
APPD.	Liau-Shin Hung	21-Feb-17	TECO Electric & Machinery Co., Ltd.										DWG NO.				
CHKD.	Hspeter	21-Feb-17											31049J87104				
DWN.	Lynn Tsai	20-Feb-17											REV. 01				

ISSUED		1-Apr-16		PERFORMANCE DATA 3-PHASE SQUIRREL CAGE HIGH EFFICIENCY INDUCTION MOTORS												MODEL		AEHHGD					
REVISED		13-Feb-17																					
NEMA Premium				TEFC, NEMA T-FRAME, DESIGN - A, CLASS F, 40°C AMBIENT, CONTINUOUS DUTY, S.F. 1.15 460V 60Hz																		ee CC002A	
TYPICAL PERFORMANCE (460 V)																							
OUTPUT		POLE	FULL LOAD RPM	FRAME SIZE	EFFICIENCY(%)				POWER FACTOR(%)			CURRENT			TORQUE				ROTOR WK ² lb-ft ²	NEMA CODE LETTER			
					FULL LOAD		3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	208V USABLE ON-A	LOCKED ROTOR (A)	FULL LOAD lb-ft	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT					
					NOM.	MIN.															NOM.	NOM.	(A)
HP	KW																						
250	185	4	1787	449T	96.2	95.4	96	95.5	85.0	81.0	71.5	286	--	2050	734.5	200	160	275	70.8	J			
		6	1189	449T	95.8	95	95.5	95	78.5	72.5	60.0	311	--	2350	1104	220	180	275	131.54	J			
300	225	4	1788	449T	96.2	95.4	96	95.5	84.0	80.5	70.5	348	--	2750	881.0	240	200	275	88.95	J			
		6	1188	Hybrid 449T	95.8	95	95.5	95	82.5	78.5	70.0	355	--	2850	1326	200	160	250	152.59	J			
350	260	4	1786	Hybrid 449T	96.2	95.4	95.8	95.5	86.5	87.0	82.0	385	--	3100	1029	230	190	250	105.29	H			
</																							

ITEM	A	K
01	M10	NPT2"
02	M16	NPT2"
03	M10	NPT2.5"
04	M16	NPT2.5"
05	M10	NPT3"
06	M16	NPT3"
07	M10	NPT3.5"
08	M16	NPT3.5"
09	M10	NPT4"
10	M16	NPT4"
11	M10	PF5"
12	M16	PF5"



NOTE:

1. DIMENSIONS IN mm (inch)
2. PRIMARY T-BOX

DWN.	J. WANG	JUL.28.2017
CHKD.	H. HUANG	JUL.28.2017
APPD.	C. LIU	JUL.28.2017

DATE 08/25/2017

SCHEMATIC DRAWING

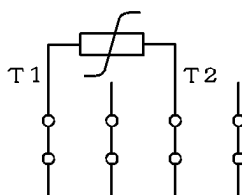
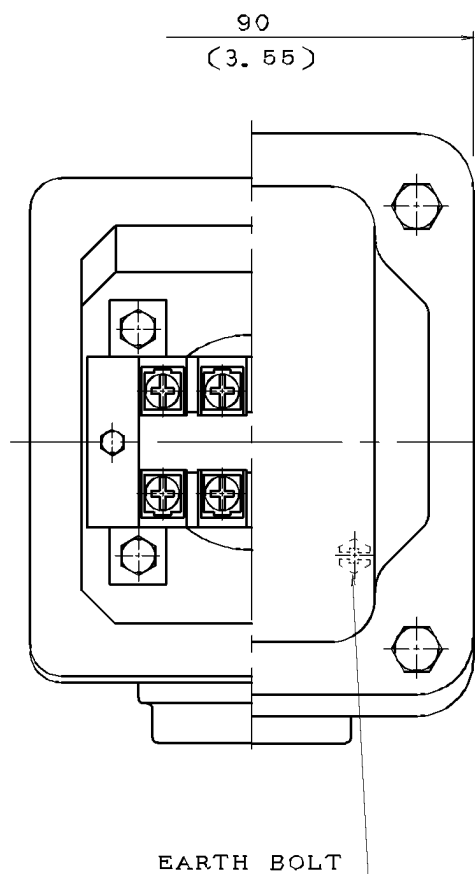
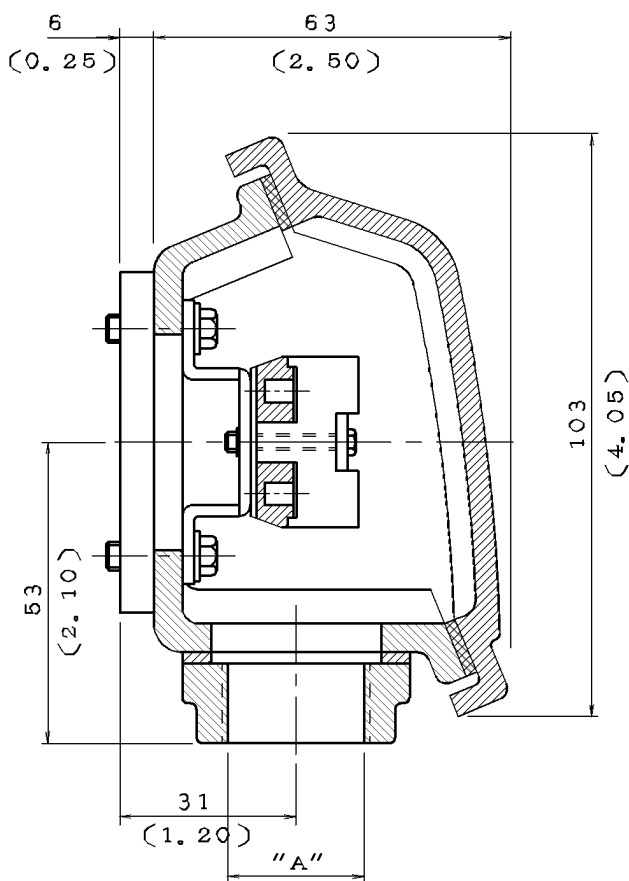
TERMINAL BOX

DWG NO.	REV:00
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TECO® Westinghouse

4B0 40W 403

DATE	SCHEMATIC DRAWING TERMINAL BOX	MODEL
08/25/2017		CDP2006RZ



NOTE: 1. DIMENSIONS IN mm (inch)
2. TW-06
3. THERMISTOR T-BOX

ITEM	A
01	M20X1.5
02	M25X1.5
03	PF0.5"
04	PF0.75"
05	PF1"
06	PT0.5"
07	PT0.75"
08	NPT0.5"
09	NPT0.75"
10	NPT1"



DWN.	L. NIEH	MAY*21*2002
CHKD.	B. YANG	MAY*21*2002
APPD.	T. CHEN	MAY*21*2002

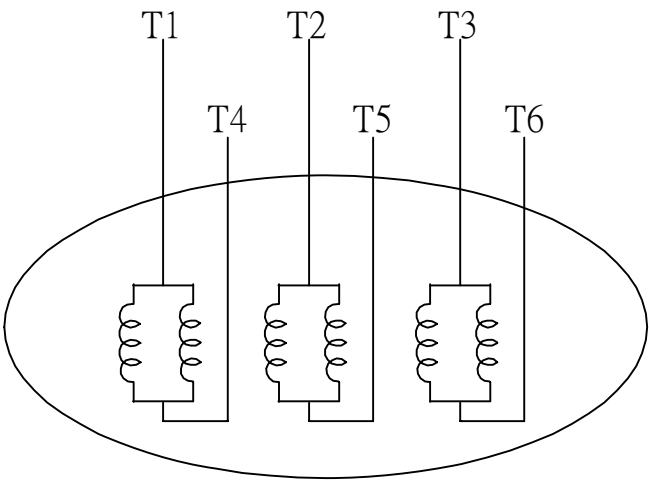
TECO  **Westinghouse**

DWG NO. REV: 04

3A040M465

R

DATE	SCHEMATIC 6 LEADS	MODEL
08/25/2017		CDP2006RZ



SCHEMATIC DIAGRAM - 6 LEADS

VOLTAGE	CONNECTION	ROTATION(VIEWED FROM NON-DRIVE END)
LOW (RUN. Δ)		
HIGH (START. △)		