

ISSUED 2-Sep-15			OUTLINE DIMENSION SHEET 3-PHASE INDUCTION MOTOR FRAME SIZE 444 ~ 449T										MODEL AEHHGD		
REVISED 20-Feb-17															

Totally Enclosed Fan - Cooled Type, Squirrel - Cage Rotor

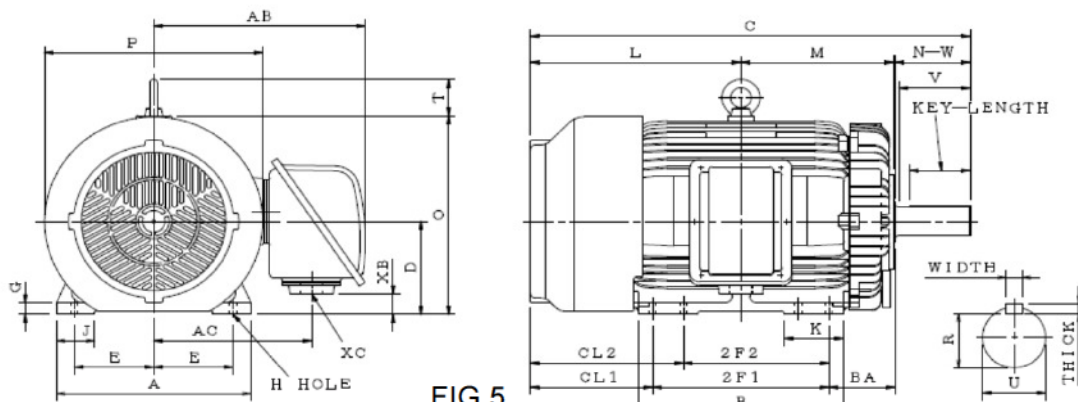


FIG.5

Dimension in inches

Output (HP)			FRAME SIZE	FIG. NO.	Mounting					A	B	C	CL1	CL2	D	G	J	K
4P	6P	8P			E	2F1	2F2	H	BA									
125	100	75	444T	5	9.00	14.50	-	0.81	7.50	22.05	17.50	44.50	13.50	-	11.00	1.40	4.35	4.35
150	125	100	445T		9.00	16.50	14.50	0.81	7.50	22.05	17.50	46.00	13.50	15.50	11.00	1.40	4.35	5.10
200	150	125	447T		9.00	20.00	16.50	0.81	7.50	22.05	23.25	49.50	13.50	17.00	11.00	1.40	4.35	6.70
200	150	125	447TZ		9.00	20.00	16.50	0.81	7.50	22.05	23.25	49.50	13.50	17.00	11.00	1.40	4.35	6.70
250	200	150 200	449T		9.00	25.00	20.00	0.81	7.50	22.05	27.95	54.50	13.50	18.50	11.00	1.40	4.35	8.25
300	250																	
250	200	150 200	449TZ		9.00	25.00	20.00	0.81	7.50	22.05	27.95	54.50	13.50	18.50	11.00	1.40	4.35	8.25
300	250																	

FRAME SIZE	L	M	O	P	T	Key			Keyseat R	Shaft Extension			Terminal Housing				Bearings	
						WIDTH	THICK	LENGTH		N-W	U	V	AB	AC	XB	XC	DRIVE END	OPPOSITE DRIVE END
444T	20.75	14.40	23.55	24.75	4.35	0.875	0.875	6.91	2.880	8.50	3.375	8.00	24.00	17.90	2.40	NPT3	6318	6316
445T	21.75	15.40	23.55	24.75	4.35	0.875	0.875	6.91	2.880	8.50	3.375	8.00	24.00	17.90	2.40	NPT3	6318	6316
447T	23.50	17.15	23.55	24.75	4.35	0.875	0.875	6.91	2.880	8.50	3.375	8.00	24.00	17.90	2.40	2-NPT3	6320	6316
447TZ	23.50	17.15	23.55	24.75	4.35	0.875	0.875	8.50	2.880	10.12	3.375	9.67	24.00	17.90	2.40	2-NPT3	NU320	6316
449T	26.00	19.65	23.55	24.75	4.35	0.875	0.875	6.91	2.880	8.50	3.375	8.00	24.00	17.90	2.40	2-NPT3	6320	6316
449TZ	26.00	19.65	23.55	24.75	4.35	0.875	0.875	8.50	2.880	10.12	3.375	9.67	24.00	17.90	2.40	2-NPT3	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. 31049M35691 REV. 02
CHKD.	Hspeter	21-Feb-17		
DWN.	Lynn Tsai	20-Feb-17		

ISSUED	1-Apr-16	PERFORMANCE DATA 3-PHASE SQUIRREL CAGE HIGH EFFICIENCY INDUCTION MOTORS	MODEL AEHHGD
REVISED	13-Feb-17		



ee C C 0 0 2 A

TEFC, NEMA T-FRAME, DESIGN - A,
CLASS F, 40°C AMBIENT, CONTINUOUS DUTY,
S.F. 1.15 460V 60Hz

TYPICAL PERFORMANCE

(460 V)

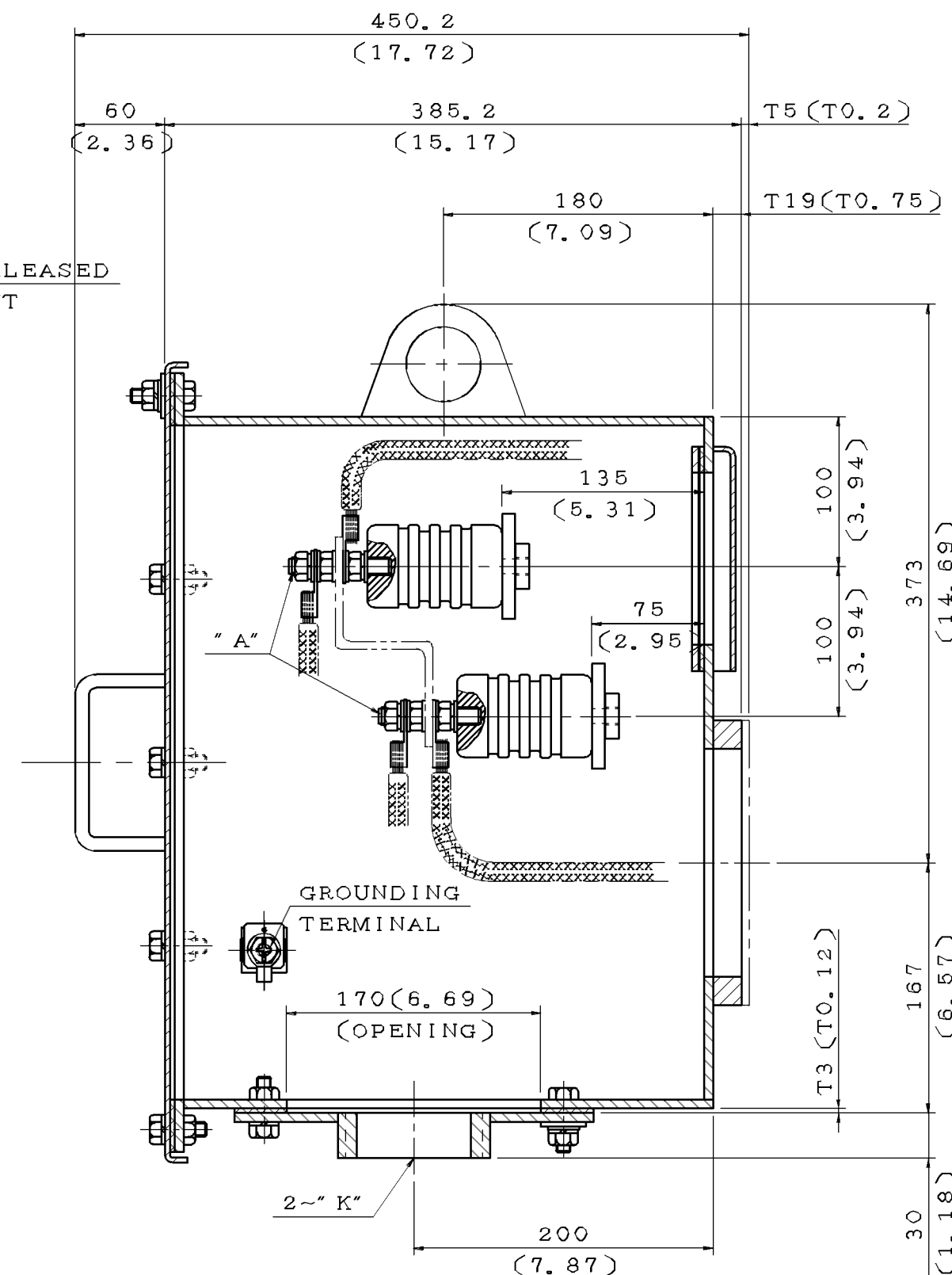
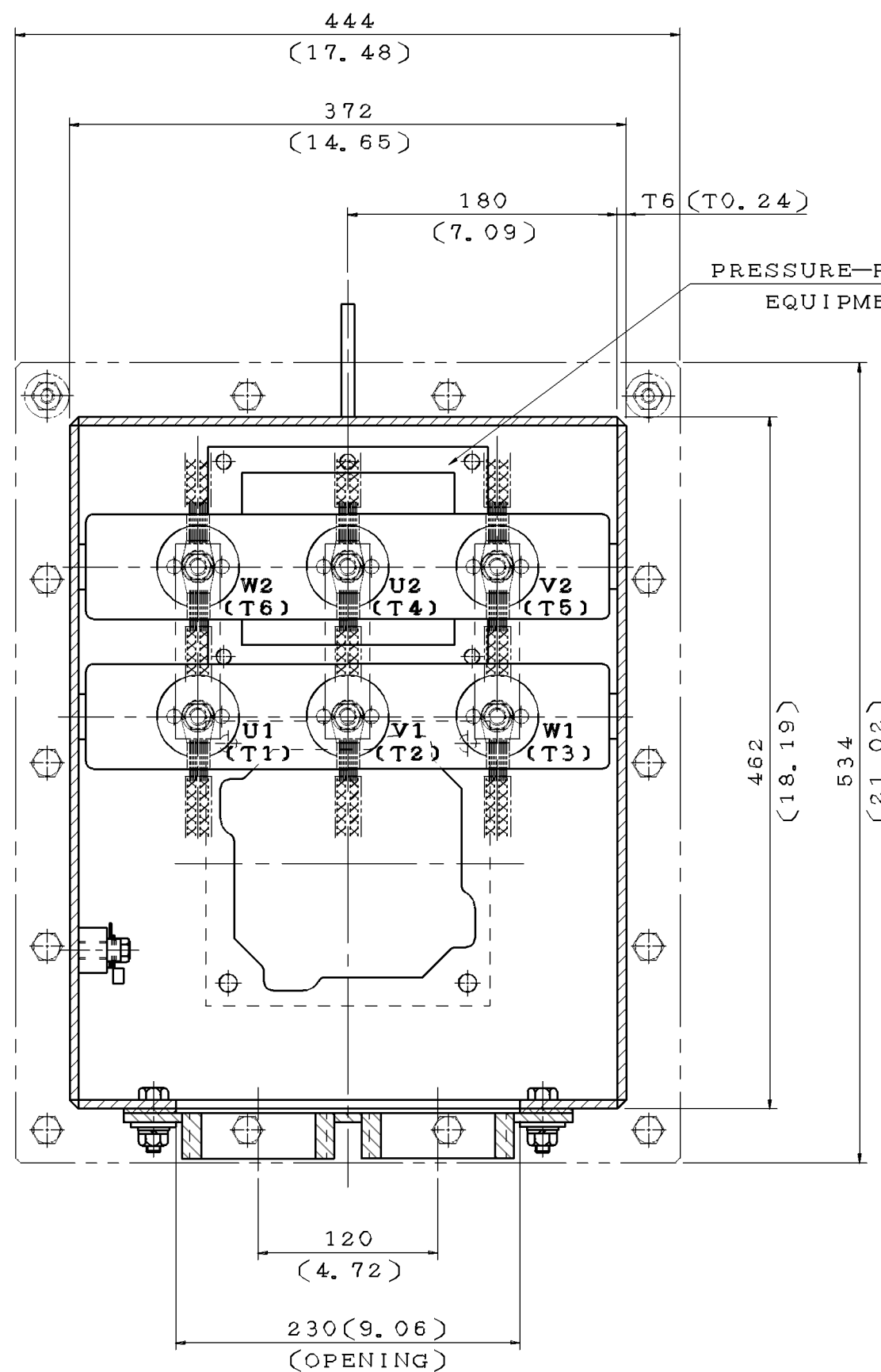
OUTPUT		POLE	FULL LOAD RPM	FRAME SIZE	EFFICIENCY(%)				POWER FACTOR(%)			CURRENT			TORQUE				ROTOR WK ² lb-ft ²	NEMA CODE LETTER
					FULL LOAD		3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD (A)	208V USABLE ON-A	LOCKED ROTOR (A)	FULL LOAD lb-ft	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT		
					NOM.	MIN.														
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	88.5	87.0	82.0	385	--	3100	1029	230	190	250	105.29	H

NOTE :

1. The above are typical values based on test according to ANSI/IEEE standard 112 method B.
2. Breakdown & locked rotor torques are shown as average expected values.
3. Efficiency, power factor, speed and torque are the same for other voltages.
Current values vary inversely with voltage.
4. Tolerance according to NEMA MG1-12 & IEC 60034-1.
5. Data subject to change without notice.

APPD.	Liau-Shin Hung	21-Feb-17	TECO Electric & Machinery Co., Ltd.	DWG. NO.	31057D62114
CHKD.	Ho-Miuy Te	22-Feb-17		REV. 04	
DWN.	Robo.Huang	13-Feb-17			

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"

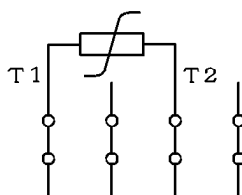
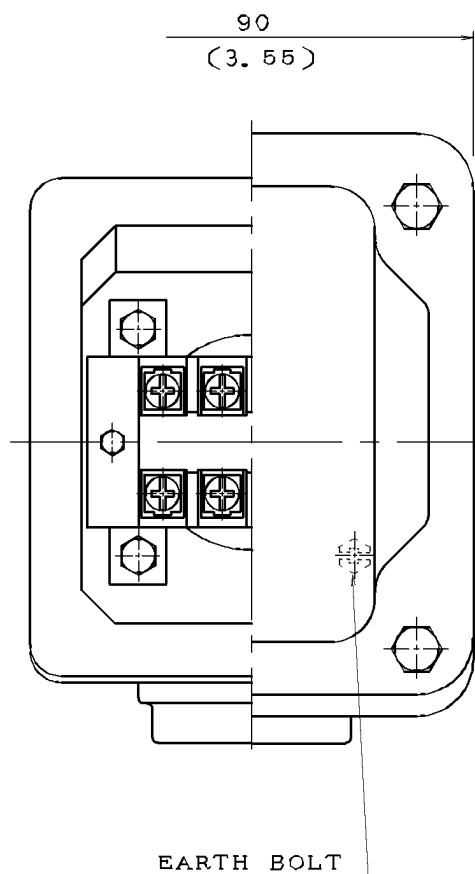
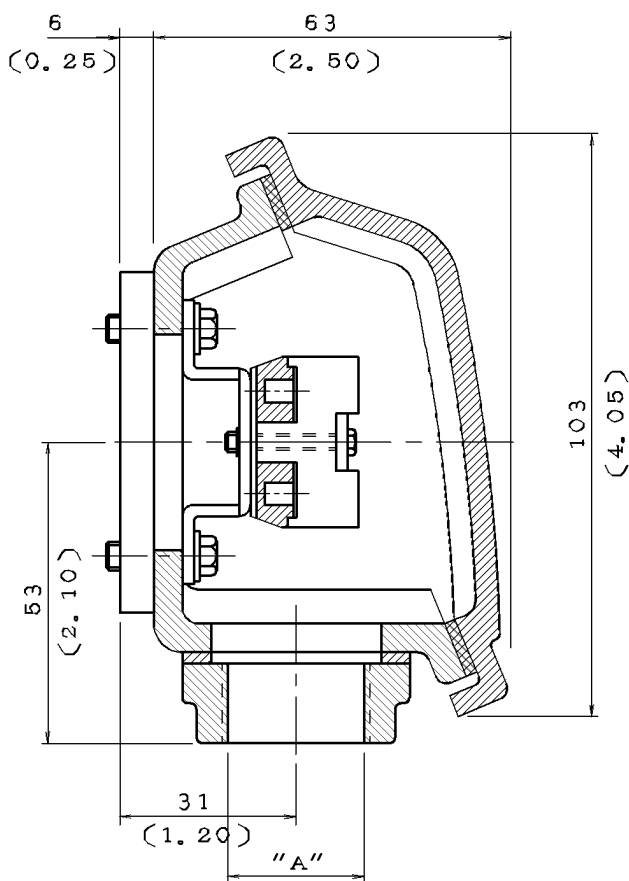


NOTE:
 1. DIMENSIONS IN mm(inch)
 2. PRIMARY T-BOX

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	
TECO®Westinghouse		DWG NO. REV:00
		4B040W403

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

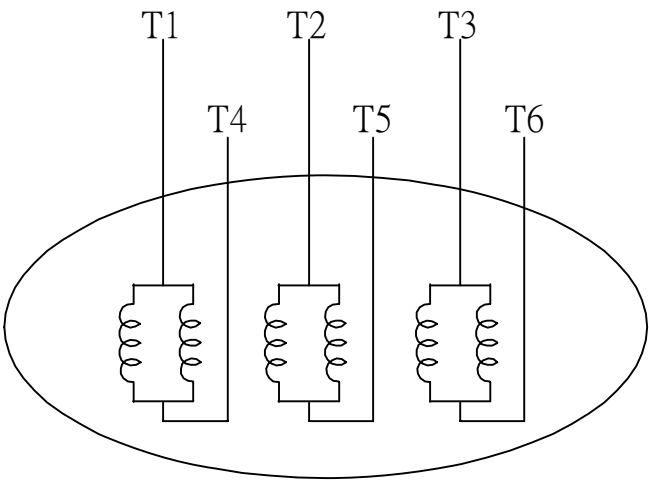
TECO  **Westinghouse**

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. Δ)		

DWN.	S.HUANG	MAR • 03 • 2003		DWG NO.	REV: 00
CHKD.	T.HSIAO	MAR • 03 • 2003		3A061H634W	
APPD.	T.HSIAO	MAR • 03 • 2003			