

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)

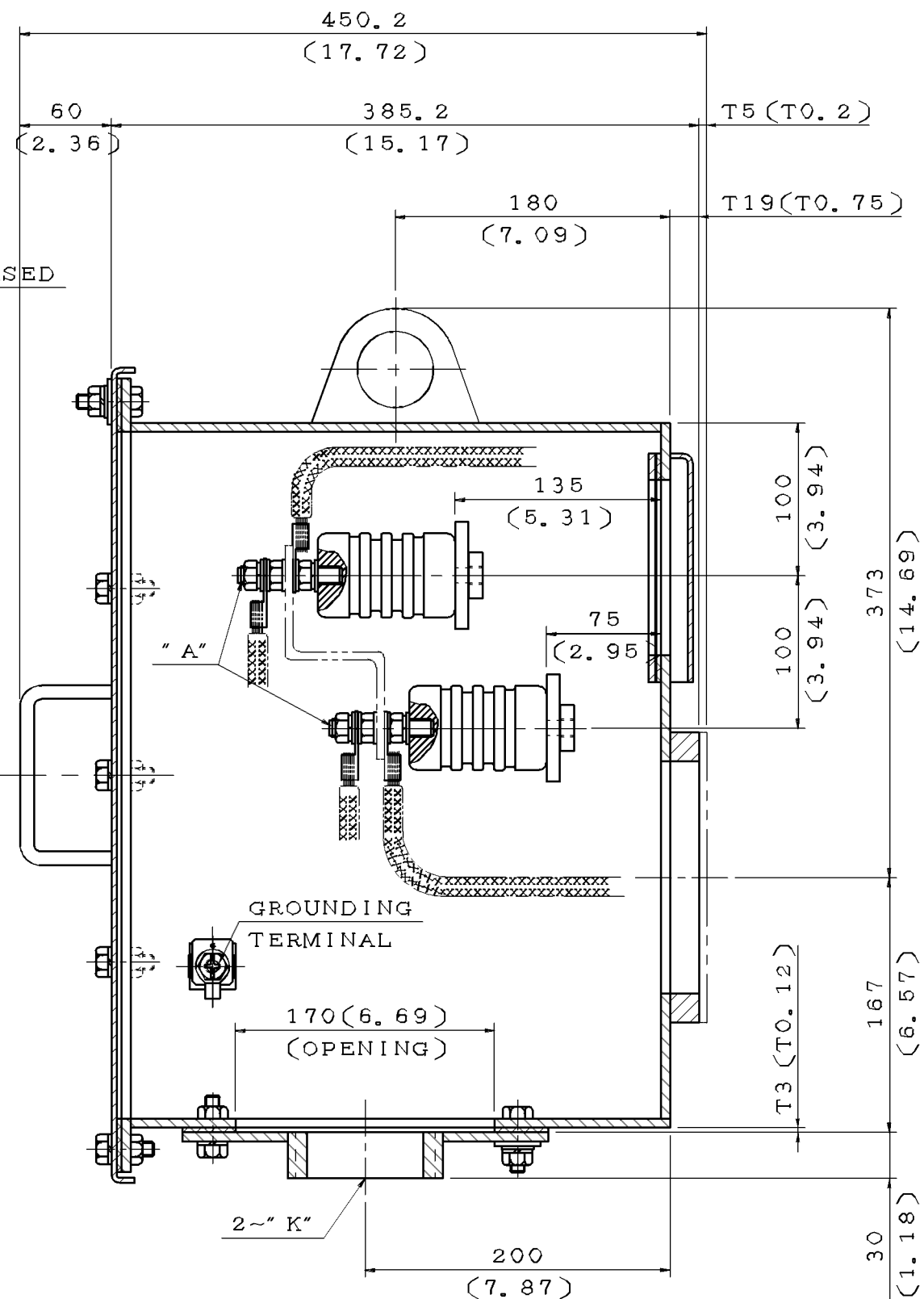
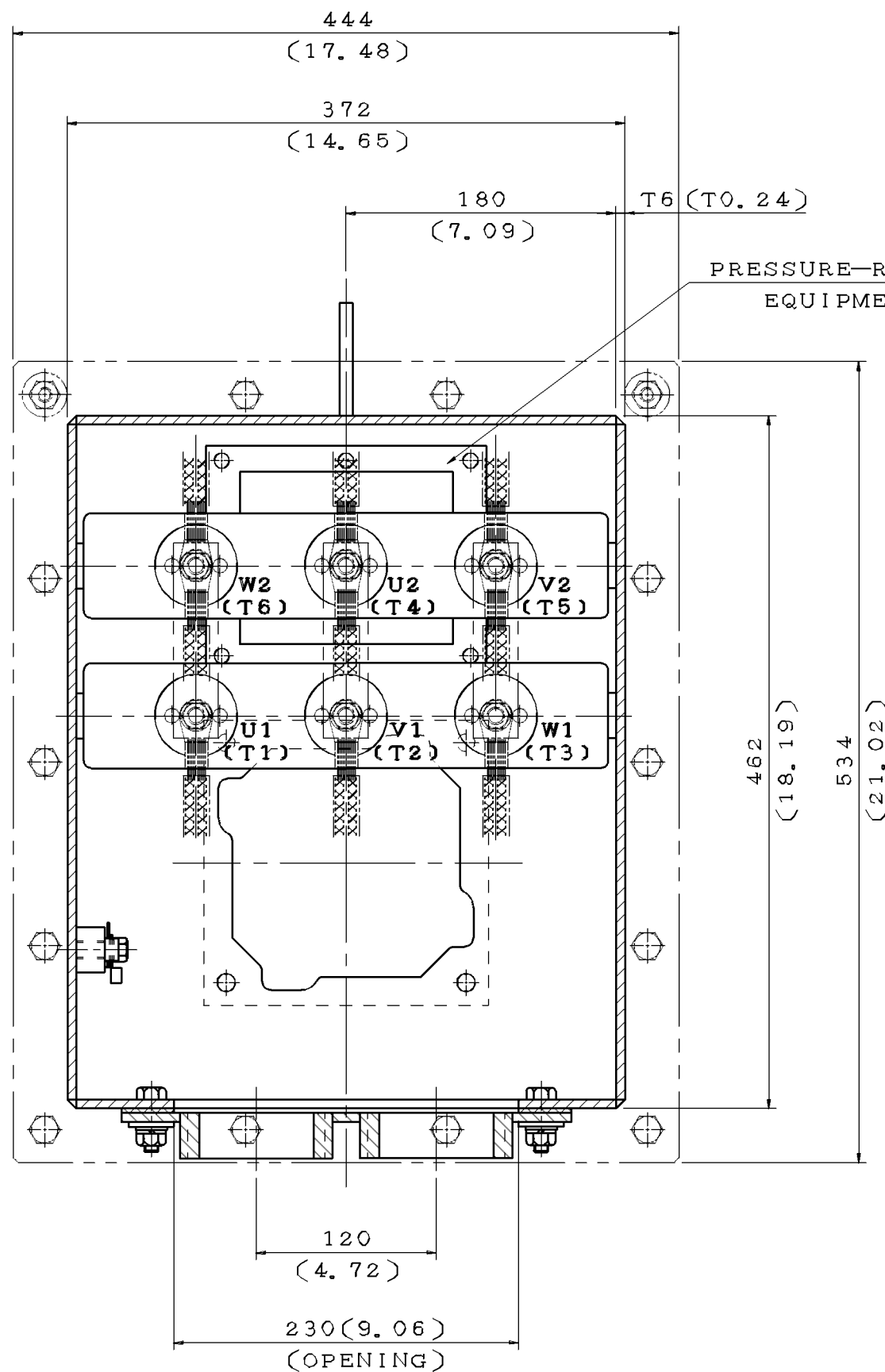
OUTPUT		POLE	FULL LOAD RPM	FRAME SIZE	EFFICIENCY(%)				POWER FACTOR(%)			CURRENT			TORQUE				ROTOR WK ² lb-ft ²	NEMA CODE LETTER
					FULL LOAD		3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	208V USABLE ON-A	LOCKED ROTOR (A)	FULL LOAD lb-ft	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT		
HP	kW				NOM.	MIN.	NOM.	NOM.				(A)								
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

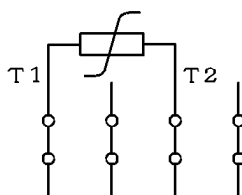
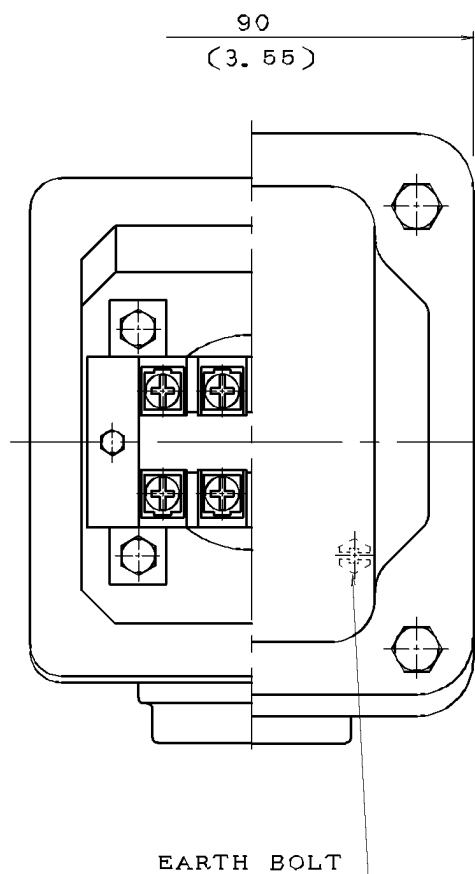
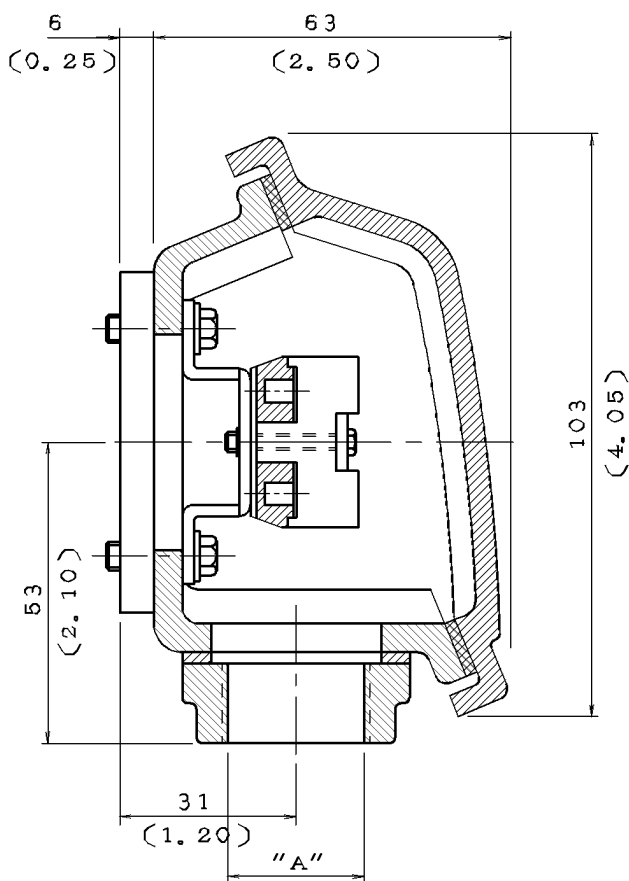
TERMINAL BOX

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

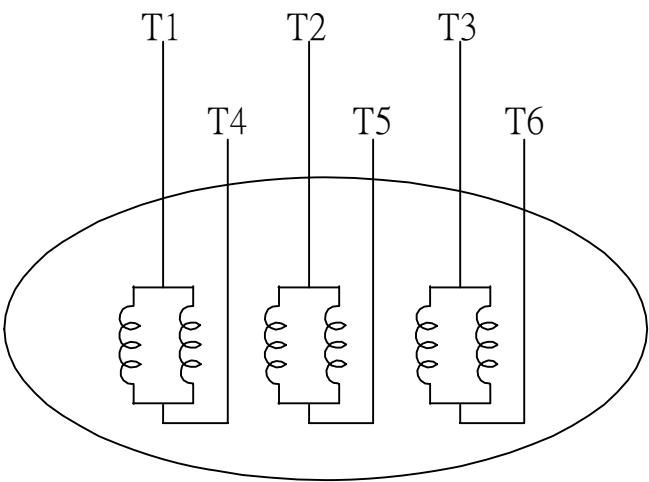
TECO  **Westinghouse**

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. △)		

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