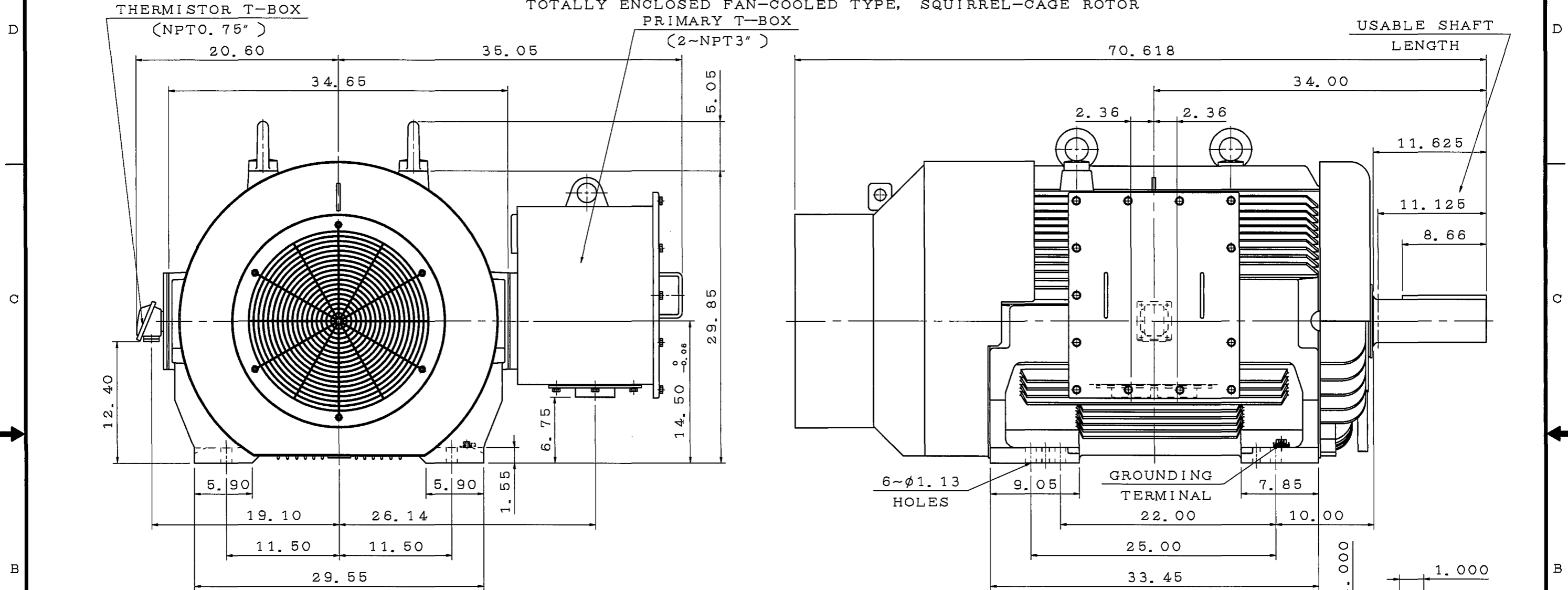


TYPE	OUTPUT		POLE	TIME RATING	VOLTAGE V	Hz	SYN. SPEED R. P. M
	HP.	kW.					
AEHH-GD	350	261.1	6	CONT.	460	60	1200

TOTALLY ENCLOSED FAN-COOLED TYPE, SQUIRREL-CAGE ROTOR  
PRIMARY T-BOX



NOTE:

1. DIMENSIONS IN inch
2. FRAME NO. 586/7UZ
3. F CLASS INSULATION, S. F. 1.15
4. FOR BELT DRIVE
5. ENCLOSURE: IP55
6. BEARING SIZE: DRIVE-END NU326C3  
OPP. DRIVE-END 6322
7. NON-SPARKING FAN
8. WITH THERMISTOR: PTC 140°C 3PCS
9. MOTOR APPROX. WEIGHT: 49901b

DATE 08/29/2017	OUTLINE DIMENSIONS
CDP3506RZ	3-PHASE INDUCTION MOTOR

DWN.	J. WANG	MAR. 10. 2017
CHKD.	H. HUANG	MAR. 10. 2017
APPD.	C. LIU	MAR. 10. 2017

**TECO** Westinghouse

DWG NO.	REV:02
4B040T898	

# TECO Westinghouse

ISSUED	<b>PERFORMANCE DATA</b> <b>3-PHASE INDUCTION MOTOR</b>	ENCLOSURE
TYPE <b>AEHHGD</b>		CATALOG# <b>CDP3506RZ</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>350</b>		<b>6</b>	<b>586/7UZ</b>	<b>460</b>	<b>60</b>	<b>40</b>	<b>F</b>	<b>A</b>	<b>CONT.</b>	<b>1.15</b>

### 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 %	
	MIN. %	NOM. %						
<b>1189</b>	<b>95</b>	<b>95.8</b>	<b>95.6</b>	<b>95.0</b>	<b>79.5</b>	<b>73.9</b>	<b>62.6</b>	<b>118 KVAR</b>

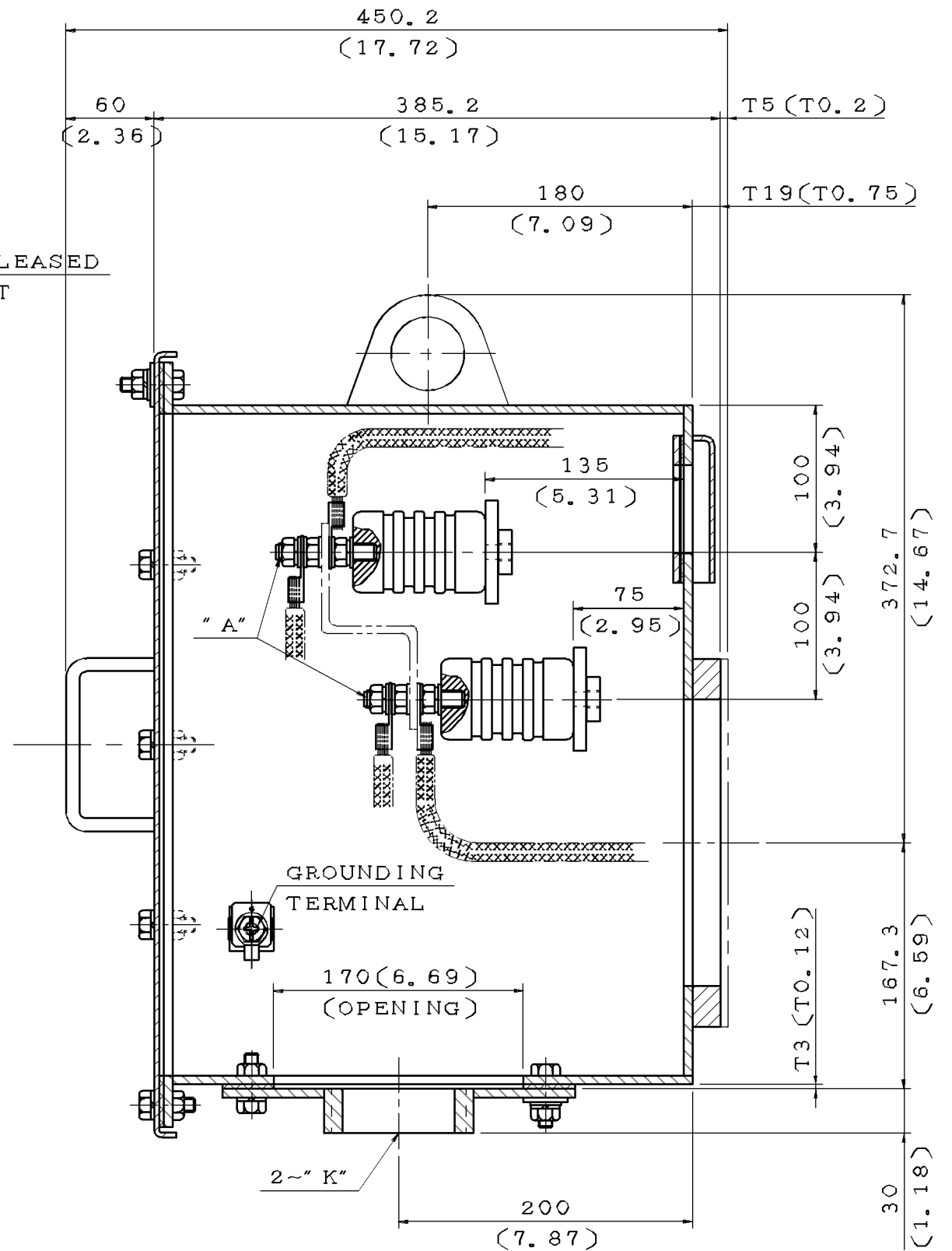
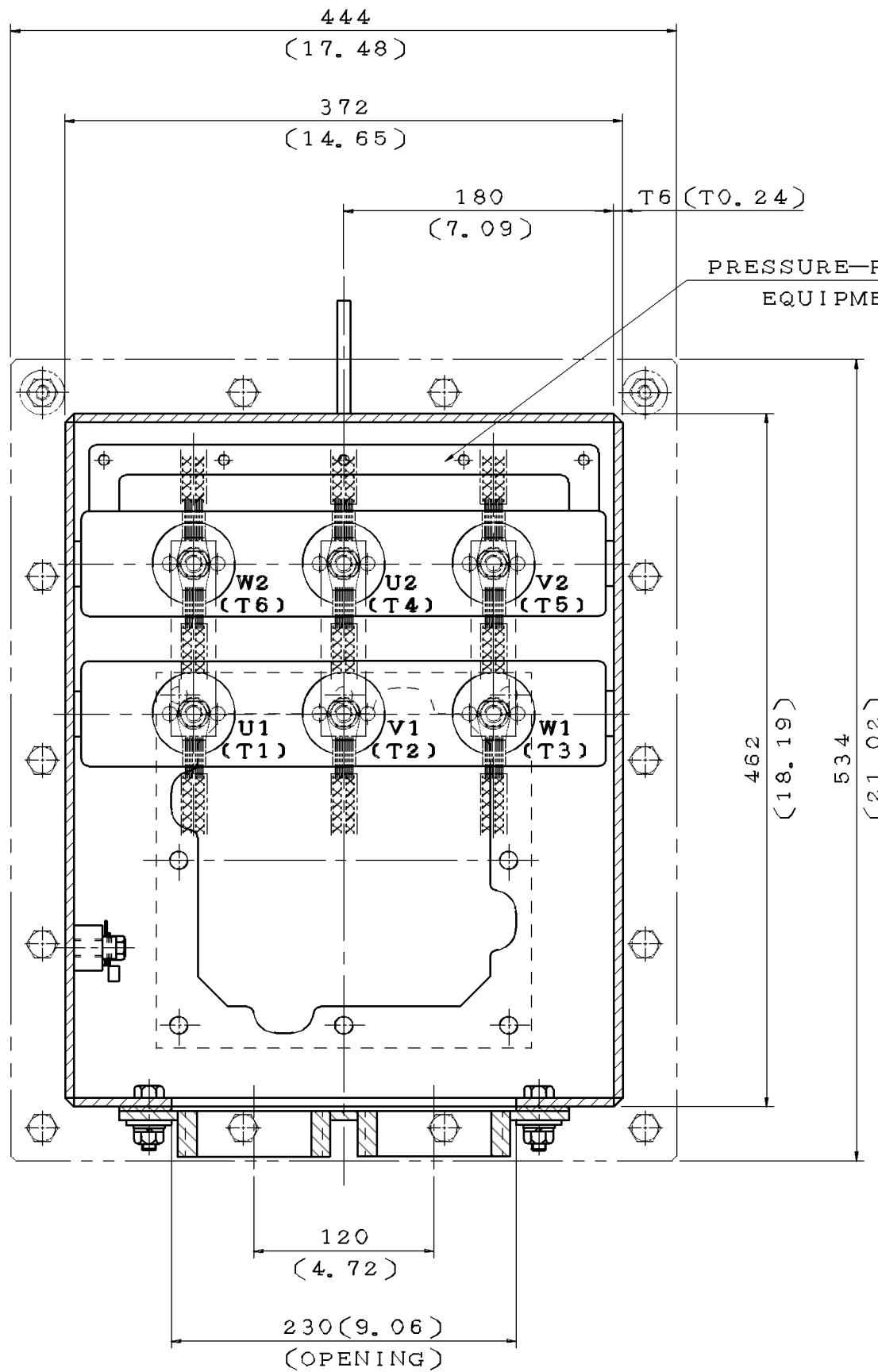
CURRENTS			NEMA KVA CODE LETTER
NO LOAD	FULL LOAD	LOCKED ROTOR	
<b>181.6</b>	<b>430</b>	<b>3443</b>	<b>J</b>

TORQUE				INERTIA			ACCEL TIME	
FULL LOAD lb-ft	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR WR <sup>2</sup> lb-ft <sup>2</sup>	NEMA LOAD WK <sup>2</sup> lb-ft <sup>2</sup>	MAX ALLOWABLE WK <sup>2</sup> lb-ft <sup>2</sup>	NEMA LOAD WK <sup>2</sup> Sec	MAX ALLOWABLE WK <sup>2</sup> Sec
<b>1545.6</b>	<b>150</b>	<b>142.5</b>	<b>250</b>	<b>3723</b>	—	—	<b>8.00</b>	—

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
<b>36</b>	<b>28</b>	<b>2</b>	<b>1</b>	

APPROVED:		DRAWING NO.	<b>FC175669T1-DS</b>	REVISION <b>00</b>
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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

DATE 08/29/2017

SCHEMATIC DRAWING

TERMINAL BOX

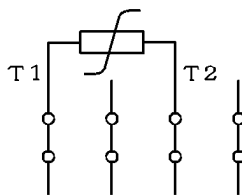
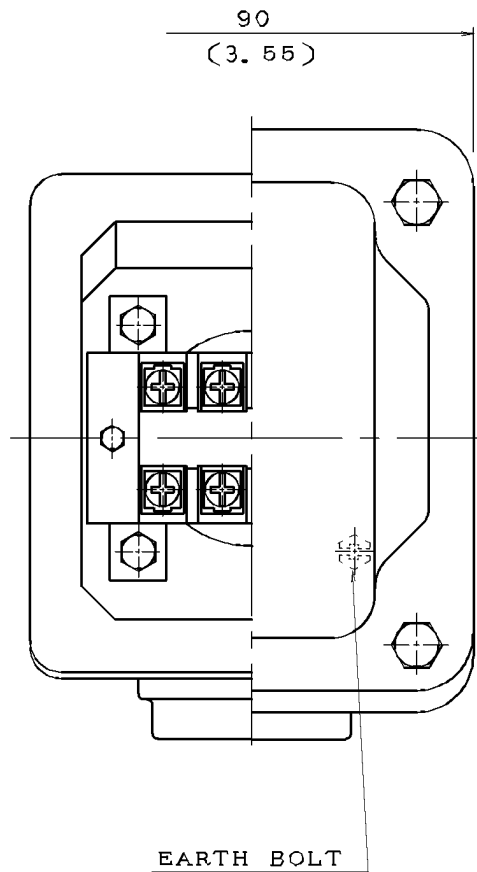
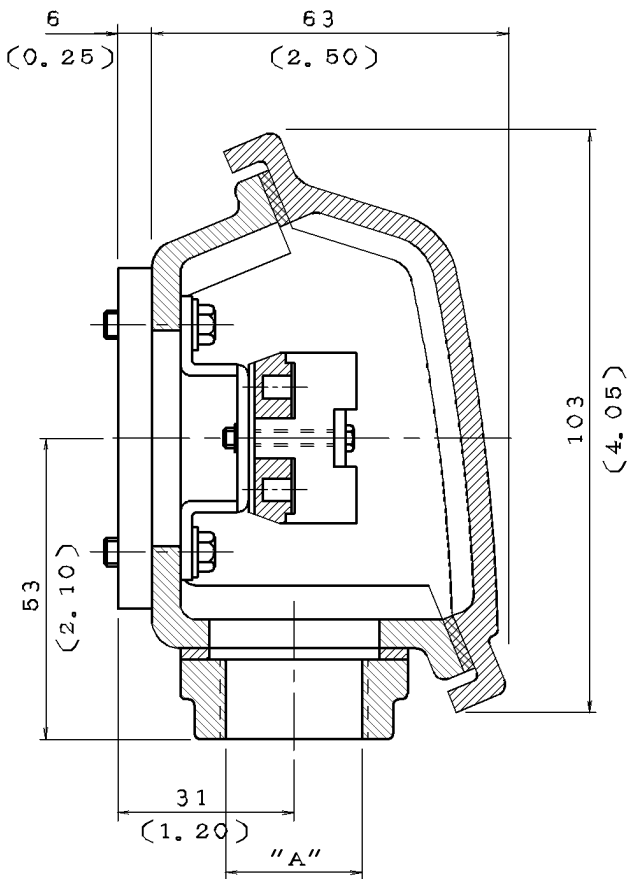
DWN.	J. WANG	JUL.28.2017
CHKD.	H. HUANG	JUL.28.2017
APPD.	C. LIU	JUL.28.2017

**TECO**® Westinghouse

DWG NO. REV:00

4B040W404

DATE	SCHEMATIC DRAWING TERMINAL BOX	MODEL
08/29/2017		



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"



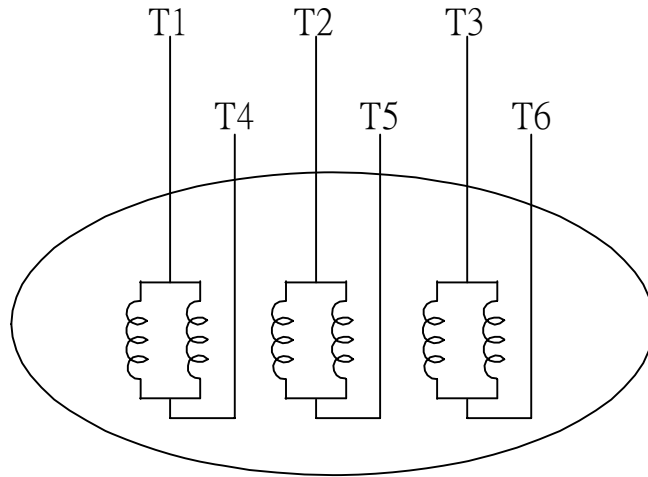
DWN.	L. NIEH	MAY*21*2002
CHKD.	B. YANG	MAY*21*2002
APPD.	T. CHEN	MAY*21*2002

**TECO** **Westinghouse**

DWG NO. REV: 04

3A040M465

DATE	SCHEMATIC 6 LEADS	MODEL
08/29/2017		



SCHEMATIC DIAGRAM - 6 LEADS

VOLTAGE	CONNECTION	ROTATION (VIEWED FROM NON-DRIVE END)
LOW (RUN. $\Delta$ )	<p>Diagram showing a delta connection for low voltage. Three horizontal lines represent power lines L1, L2, and L3. The motor windings are connected in a triangle. Lead T1 is connected to L1, T2 to L2, and T3 to L3. Leads T4, T5, and T6 are also shown connected to the vertices of the triangle.</p>	<p>A curved arrow indicating clockwise rotation when viewed from the non-drive end.</p>
HIGH (START. $\Delta$ )	<p>Diagram showing a star connection for high voltage. Three horizontal lines represent power lines L1, L2, and L3. The motor windings are connected in a star configuration. Lead T1 is connected to L1, T2 to L2, and T3 to L3. Leads T4, T5, and T6 are also shown connected to the star point.</p>	<p>A curved arrow indicating clockwise rotation when viewed from the non-drive end.</p>

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