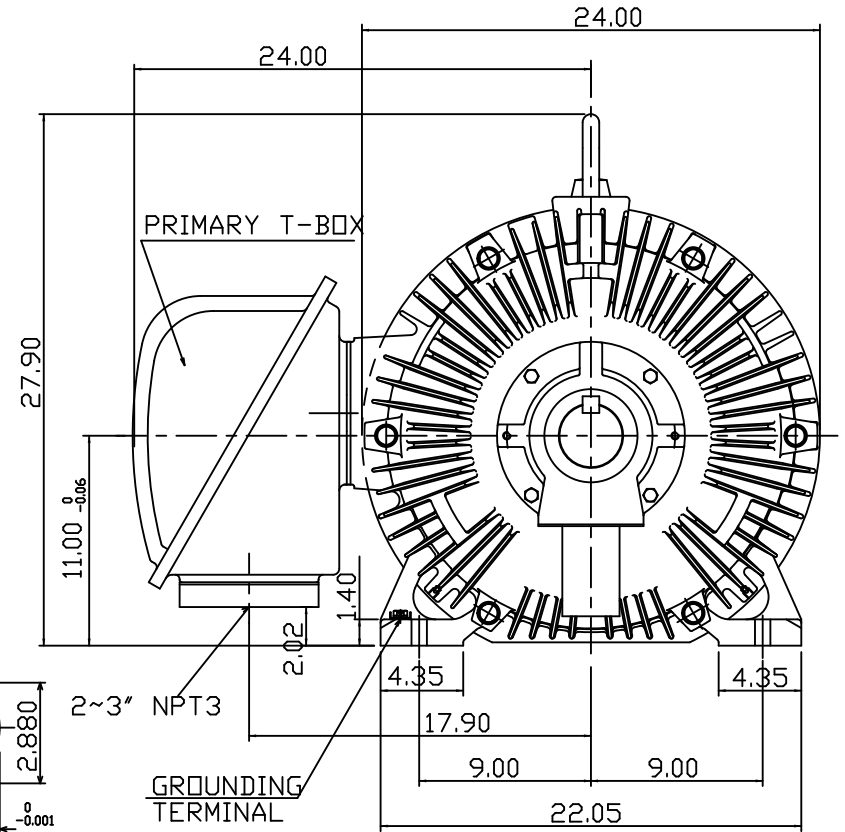
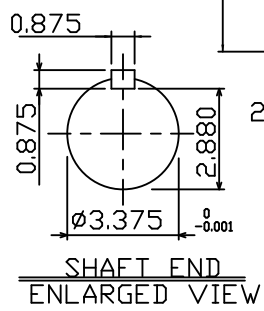
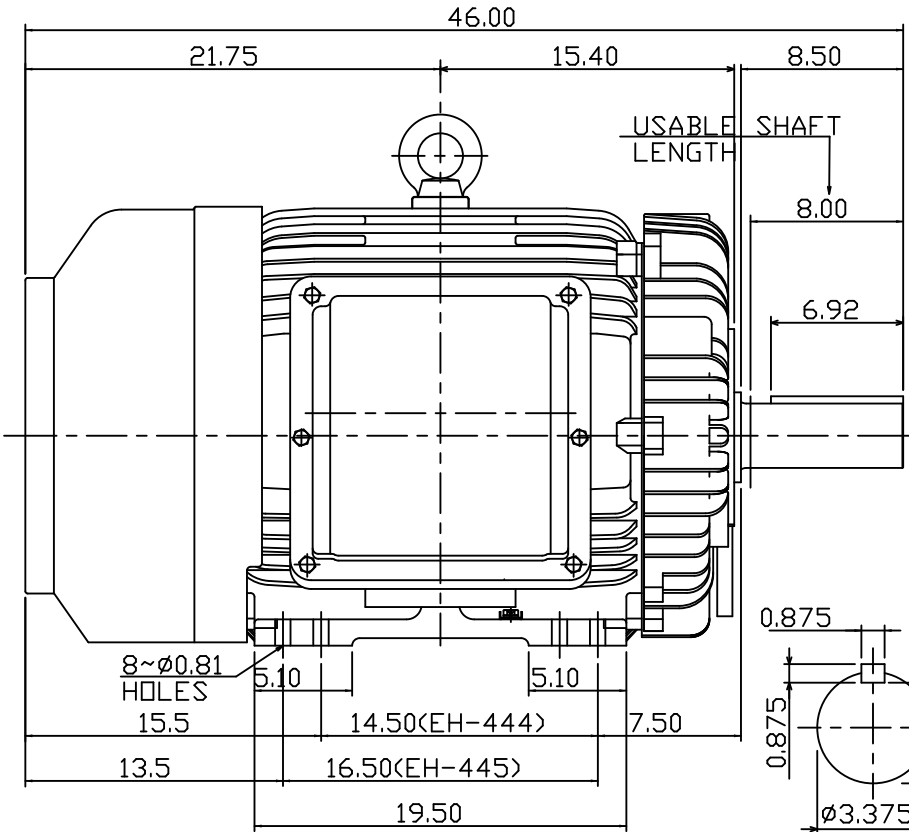


11 10 9 8 7 6 5 4 3 2 1

POLE	HP	kW	Hz	VOLT	r/min(RPM)	INS	RATING	DIMENSION IN	APPROX WEIGHT	BEARINGS
6	125	93.3	60	230/460	1200	F	CONT.	INCHS	1995 LBS.	DE: 6318 NDE: 6316

G
F
E
D
C
B
A
a



- NOTE:
1. DIMENSIONS IN INCHES
 2. FRAME NO. 445T
 3. F CLASS INSULATION, S.F.1.15
 4. FOR BELT SERVICE
 5. ENCLOSURE: IP55
 6. WITH THERMISTOR: PTC 140°C 3PCS
 7. SHAFT MATERIAL: SCM440 Q&T (AISI 4140 EQUIV)
 8. CORROSION PROOF

OUTLINE DIMENSIONS			
3-PHASE INDUCTION MOTOR			
MOTOR TYPE	AEHHGD	FRAME NO.	EH-445T
CATALOG NO.	CDP1256	DATE	02-01-2018
TEC Westinghouse		DWG NO. 31057G021300	
DWG.	C.COOK	02-01-18	

11 10 9 8 7 6 5 4 3 2 1

TECO Westinghouse

ISSUED 6/13/2018	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE TEFC
TYPE AEHHGD		CATALOG# CDP1256

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
125	93.3	6	445T	230/460	60	40°C	F	C	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	0.0156~125	60~1200	1.37~554	0.0515	0.0364	0.352	0.775	12.8

CONSTANT TORQUE				CONSTANT HORSEPOWER			
HZ	HP	RPM	TORQUE (lb-ft)	HZ	HP	RPM	TORQUE (lb-ft)
6~60	12.5~125	120~1200	554	60~90	125	1200~1800	554~369.33

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.%						
1185	94.1	95	94.5	93.6	83	80.5	74	77

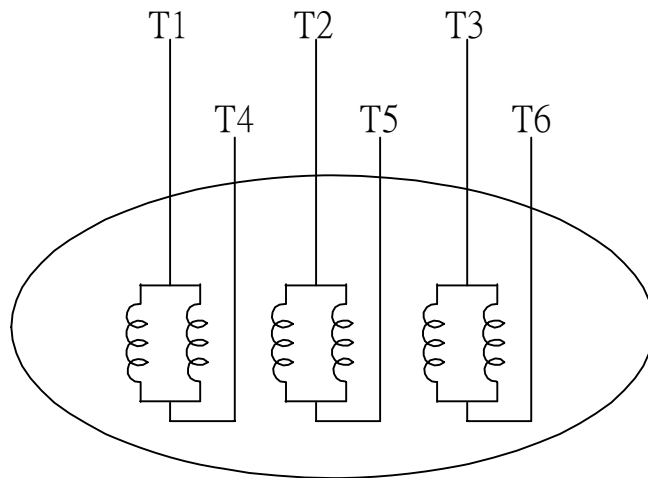
CURRENTS

NO LOAD			FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER	SAFE STALL TIME IN SECONDS	
AT	AT	AT	AT	AT	AT	AT	AT	AT		COLD	HOT
208 VOLT	230 VOLT	460 VOLT	208 VOLT	230 VOLT	460 VOLT	208 VOLT	230 VOLT	460 VOLT	G	17	12
102.0	119.4	59.7	328	296	148	1641	1815	908			

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
555.30	200	140	230	68	1452	3630	5.31	12.92	2	1

APPROVED:	M. PRATER	DRAWING NO.	31057CDP1256	REVISION:	1
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DATE	SCHEMATIC 6 LEADS	MODEL
08/25/2017		CDP1254R



SCHEMATIC DIAGRAM - 6 LEADS

VOLTAGE	CONNECTION	ROTATION (VIEWED FROM NON-DRIVE END)
LOW (RUN. Δ)	<p>Diagram showing a delta connection for low voltage. Three horizontal lines represent supply 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 delta.</p>	<p>A curved arrow indicating clockwise rotation when viewed from the non-drive end.</p>
HIGH (START. Δ)	<p>Diagram showing a star connection for high voltage. Three horizontal lines represent supply 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			