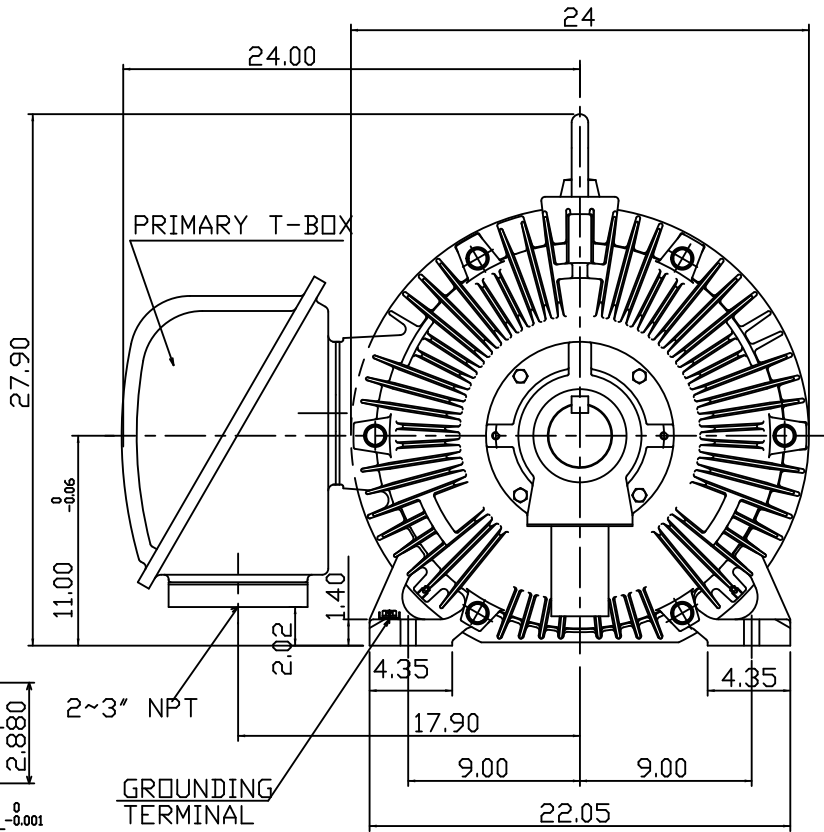
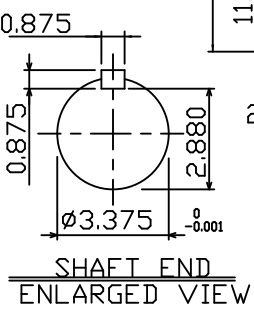
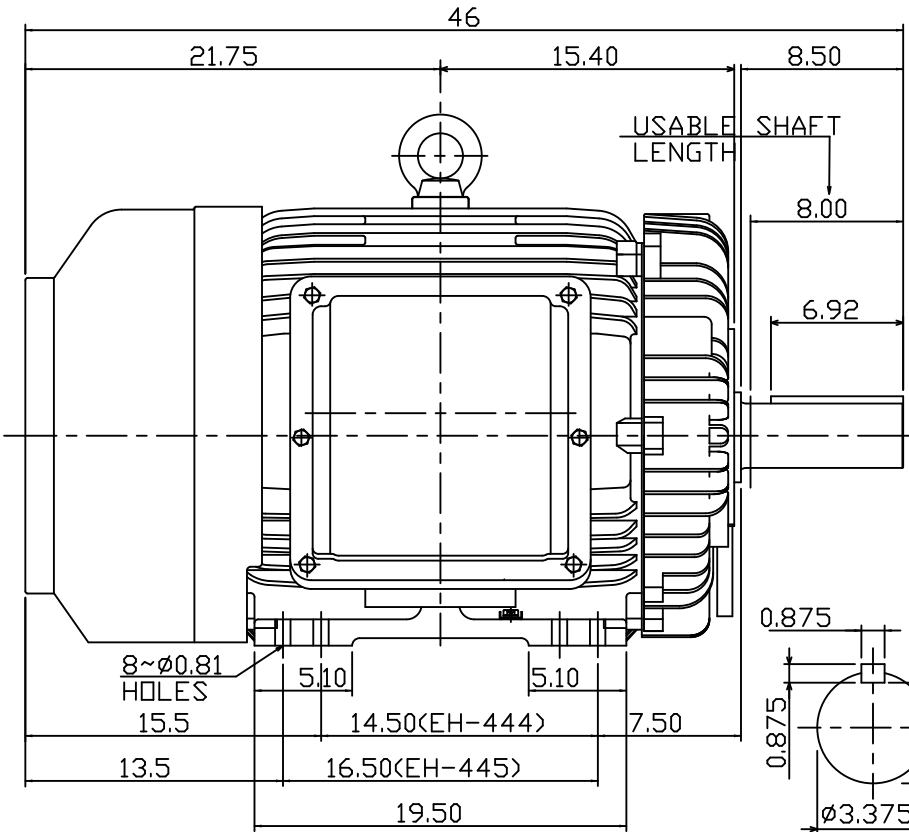


11 10 9 8 7 6 5 4 3 2 1

POLE	HP	kW	Hz	VOLT	r/min(RPM)	INS	RATING	DIMENSION IN	APPROX WEIGHT	BEARINGS
4	125	93.3	60	230/460	1800	F	CONT.	INCHS	1800 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.	445T
CATALOG NO.	CDP1254	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

第三角法

TECO Westinghouse

ISSUED February 8, 2022	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AEHHGD	3-PHASE INDUCTION MOTOR	CATALOG# CDP1008

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
100	74.6	8	445T	230/460	60	40°C	F	C	CONT.	1.15

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. %	%	%	%	%	%	
890	92.4	93.6	93.0	93.0	78.0	74.0	65.0	0.0 KVAR

CURRENTS

NO LOAD		FULL LOAD		LOCKED ROTOR		NEMA KVA CODE LETTER
AT	AT	AT	AT	AT	AT	
230 VOLT	460 VOLT	230 VOLT	460 VOLT	230 VOLT	460 VOLT	
94.0	47.0	259.8	129.9	1450.0	725.0	G

TORQUE

INERTIA

ACCEL TIME

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	NEMA LOAD WK ² Sec
589.94	230	180	250	72.80	2370	5.5

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	76
20	15	2	1	

APPROVED:	K. Lo	DRAWING NO.	31057CDP1008	REVISION 1
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