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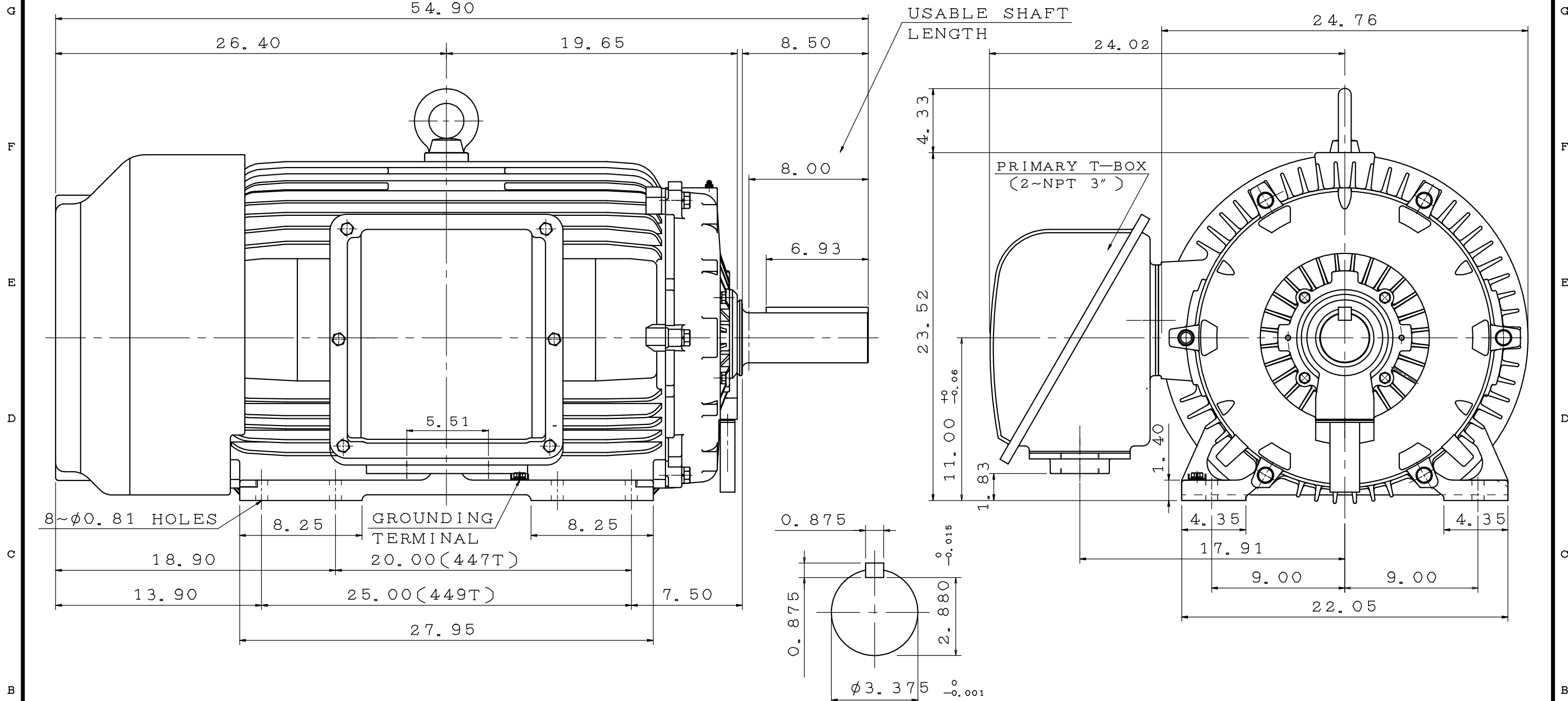
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POLE	HP	kW	Hz	VOLT	r/min(RPM)	INS	RATING	DIMENSION IN	APPROX WEIGHT	BEARINGS
6	200	149	60	460	1200	F	CONT.	INCH	2272lbs	DE: 6320 NDE: 6316



NOTE:
 1. FOR DIRECT FLEXIBLE COUPLING
 2. ENCLOSURE: IP55 PROTECTION

SHAFT END
ENLARGED VIEW

OUTLINE DIMENSIONS
3-PHASE INDUCTION MOTOR

MOTOR TYPE	AEHH8N	FRAME NO.	449T
CATALOG NO:	EP2006	DATE	APRIL 1, 2020

APPD.	BEN. YANG	06.19.19
CHKD.	K. L. KUO	06.19.19
DWG.	K. L. KUO	06.15.19

TECO Westinghouse

DWG NO.
31057C578230

第三角法

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TECO Westinghouse

ISSUED 8/15/2014	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE TEFC
TYPE AEHH8N		CATALOG# EP2006

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
200	149.2	6	449T	460	60	40°C	F	B	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	0.025~200	60~1200	2.187~885	0.0314	0.0246	0.28	0.526	8.9

CONSTANT TORQUE				CONSTANT HORSEPOWER			
HZ	HP	RPM	TORQUE (lb-ft)	HZ	HP	RPM	TORQUE (lb-ft)
6~60	20~200	120~1200	885	60~90	200	1200~1800	885~590

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.%						
1186	95	95.8	95.4	94.5	84	81	74	79

CURRENTS						NEMA KVA CODE LETTER	SAFE STALL TIME IN SECONDS	
NO LOAD		FULL LOAD		LOCKED ROTOR			COLD	HOT
AT 460 VOLT		AT 460 VOLT		AT 460 VOLT				
65.6		233.00		1450		G	17	12

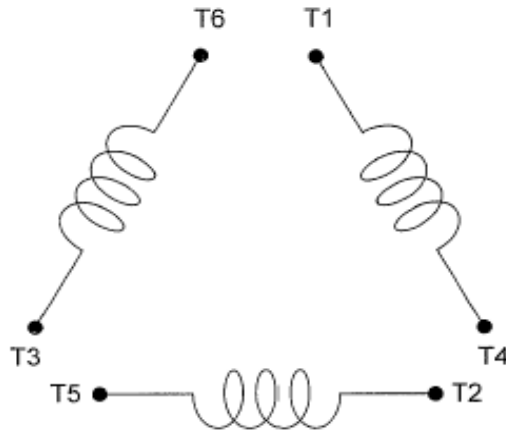
TORQUE				INERTIA			ACCEL TIME (DOL)		ALLOWABLE STARTS PER HOUR	
FULL LOAD (lb-ft)	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR WR ² (lb-ft ²)	NEMA LOAD WK ² (lb-ft ²)	MAX ALLOWABLE WK ² (lb-ft ²)	NEMA LOAD WK ² Sec	MAX ALLOWABLE WK ² Sec	COLD	HOT
885.00	135	105	210	125	2238	5595	6.17	14.93	2	1

APPROVED:	M. PRATER	DRAWING NO.	31057EP2006	REVISION:	1
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DATE:
December 2, 2005

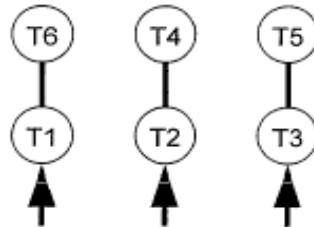
CONNECTION DIAGRAM

CATALOG NO.:
EP2006



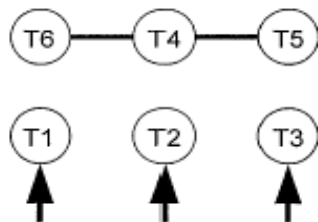
SCHEMATIC - Δ / Y CONNECTION

ACROSS THE LINE CONNECTION

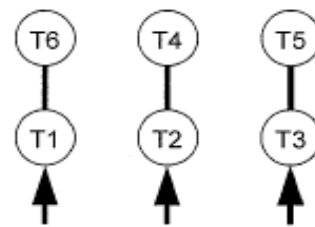


460 VOLT CONNECTION

WYE START-DELTA RUN CONNECTION



**LINE
460 VOLT START**



**LINE
460 VOLT RUN**