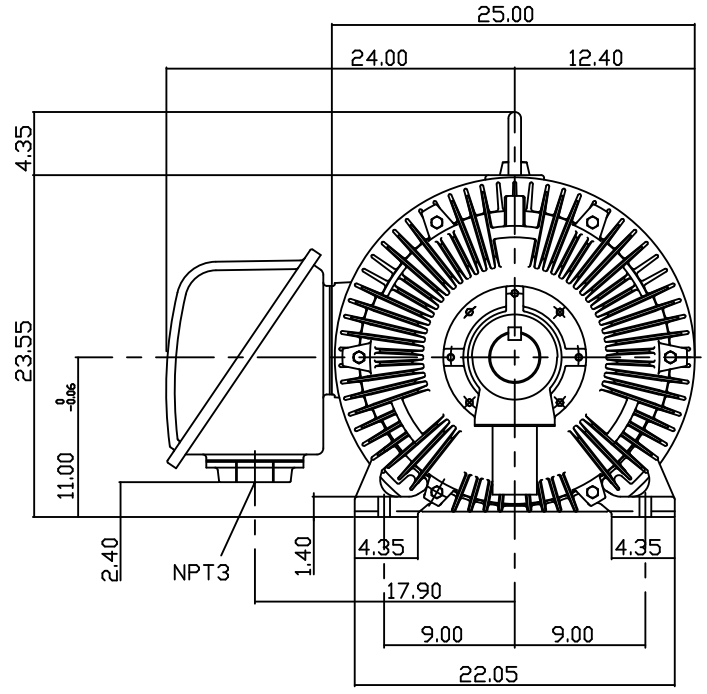
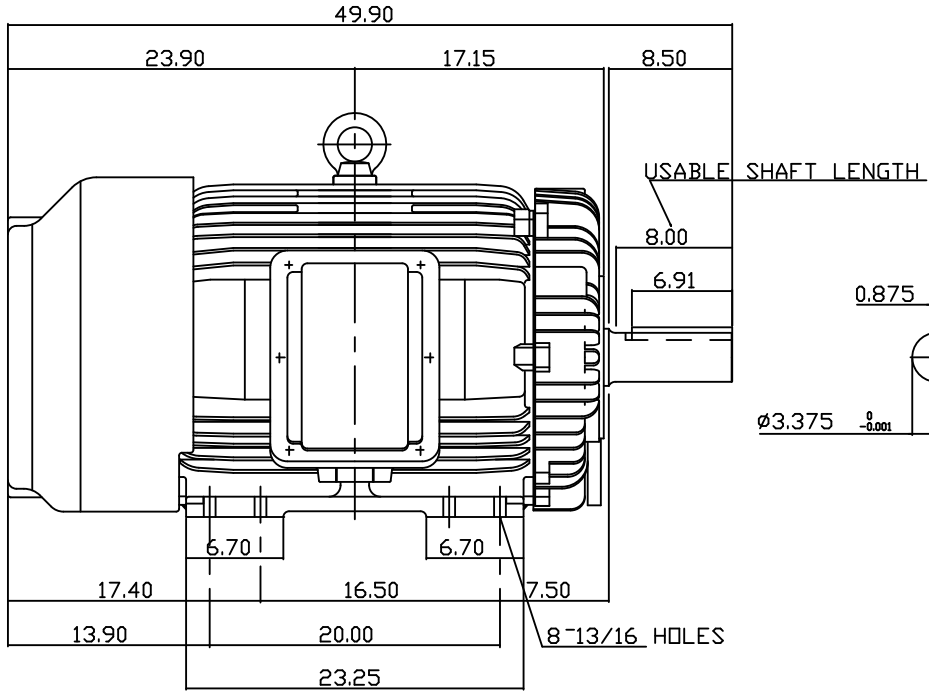


TYPE	OUTPUT		POLE	TIME RATING	VOLTAGE V	Hz	SYN.SPEED R.P.M
	HP.	KW.					
AEHH8N	125	93.3	8	CONT.	575	60	900

TOTALLY ENCLOSED FAN-COOLED TYPE. SQUIRREL-CAGE ROTOR



- NOTE:
1. DIMENSIONS IN INCH
 2. FRAME NO. 447T
 3. F CLASS INSULATION, S.F.115
 4. FOR DIRECT FLEXIBLE COUPLING
 5. ENCLOSURE: IP54
 6. BEARING SIZE: DRIVE END: 6320
NON-DRIVE END: 6316
 7. APPROX. WEIGHT: 2450 LBS

TW-56C

DWN.	N.QIN	JAN 13 2005
CHKD.	H.HUANG	JAN 13 2005
APPD.	C.WANG	JAN 13 2005

DATE 20050617	OUTLINE DIMENSIONS
CATALOG #EP12585	3-PHASE INDUCTION MOTOR
TEC Westinghouse	
DWG NO.	REV: 00
3A040Y597	

TECO Westinghouse

ISSUED 1/10/2020	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE TEFC
TYPE AEHH8N		CATALOG# EP12585

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
125	93.3	8	447T	575	60	40°C	F	B	CONT.	1.15

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.%						
888	92.4	93.6	93	91.7	80	77	69	74

CURRENTS

NO LOAD		FULL LOAD		LOCKED ROTOR		NEMA KVA CODE LETTER	SAFE STALL TIME IN SECONDS	
AT 575 VOLT		AT 575 VOLT		AT 575 VOLT			COLD	HOT
60		156.00		907.5				

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
739.00	150	125	200	141	2919	7297	7.16	17.41	2	1

APPROVED:	M. PRATER	DRAWING NO.	31057EP12585	REVISION:	0
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DATE:
June 27, 2005

CONNECTION DIAGRAM

CATALOG NO.:



SCHEMATIC - Δ CONNECTION

ACROSS THE LINE CONNECTION



575 VOLT CONNECTION