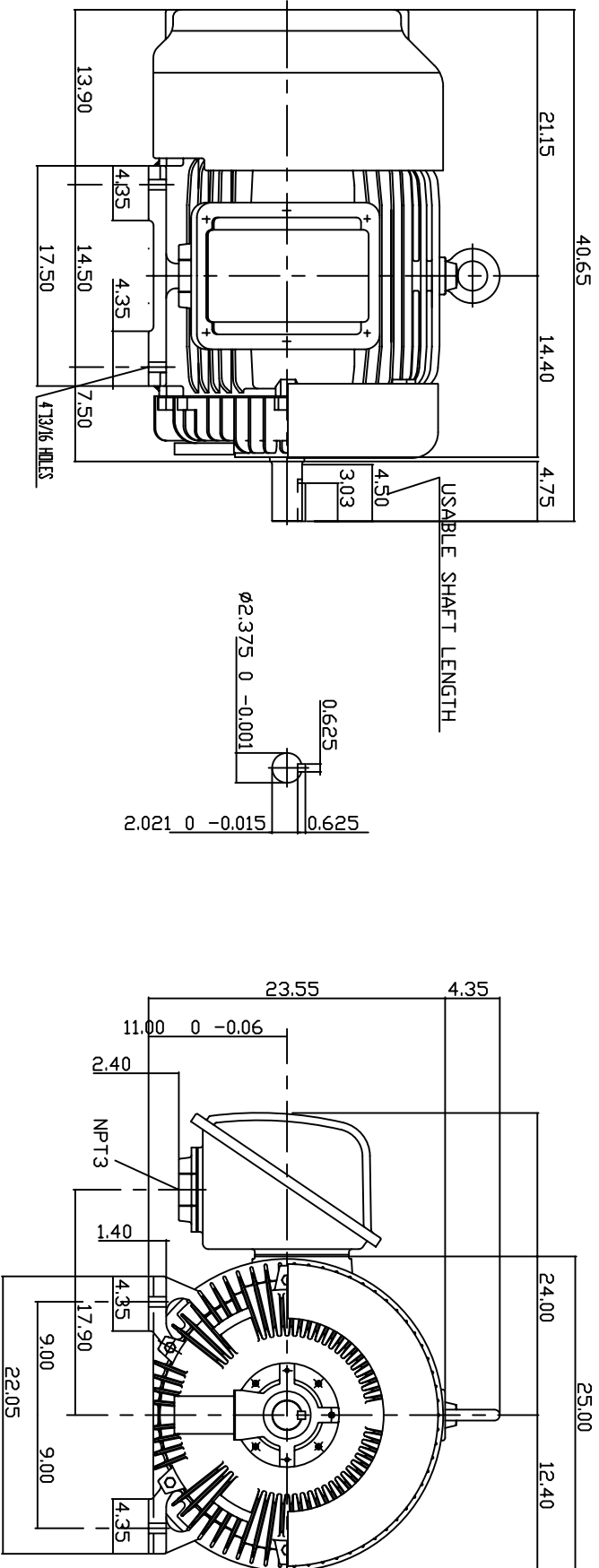


TYPE	OUTPUT		POLE	TIME RATING	VOLTAGE	Hz	SYN SPEED R.P.M
	HP.	KW.					
AEH8N	125	93.3	2	CONT.	575	60	3600

TOTALLY ENCLOSED FAN-COOLED TYPE, SQUIRREL-CAGE ROTOR



NOTE:

1. DIMENSIONS IN INCH
2. FRAME NO. 444TS
3. F CLASS INSULATION, S.F.1.15
4. FOR DIRECT FLEXIBLE COUPLING
5. ENCLOSURE: IP54
6. BEARING SIZE: DRIVE END: 6314C3
NON-DRIVE END: 6314C3
7. APPROX. WEIGHT: 1450 LBS

TW-56C

DWN.	T.H.Pan	FEB 16 2005
CHKD.	H.HUANG	FEB 16 2005
APPD.	C.WANG	FEB 16 2005

DATE 20050616

CATALOG # EP12525

OUTLINE DIMENSIONS
3-PHASE INDUCTION MOTOR



DWG NO. 3A040Y683
REV. 00

TECO Westinghouse

ISSUED October 5, 2006	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AEHH8N	3-PHASE INDUCTION MOTOR	CATALOG# EP12525

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
125	93.3	2	444TS	575	60	40°C	F	B	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. %	%	%	%	%	%	
3566	94.1	95	94.5	93.6	86	83.5	80	23 KVAR

CURRENTS

NO LOAD			FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
AT 575 VOLT			AT 575 VOLT			AT 575 VOLT			
29.80			115.70			784.40			

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	MAX ALLOWABLE WK ² lb-ft ²	NEMA LOAD WK ² Sec	MAX ALLOWABLE WK ² Sec

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

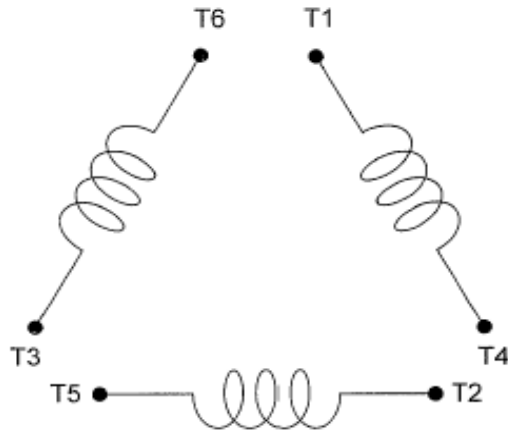
COLD		HOT	
29	20	2	1

APPROVED:	M. PRATER	DRAWING NO.	3A057EP12525	REVISION	0
-----------	------------------	-------------	---------------------	----------	----------

DATE:
October 12, 2006

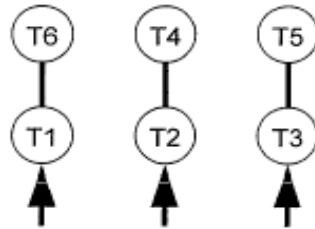
CONNECTION DIAGRAM

CATALOG NO.:
EP12525



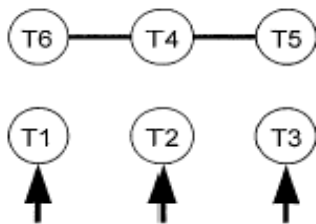
SCHEMATIC - Δ / Y CONNECTION

ACROSS THE LINE CONNECTION

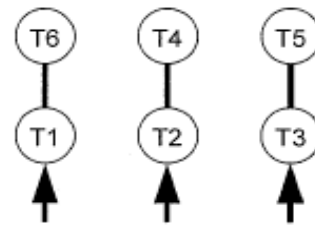


575 VOLT CONNECTION

WYE START-DELTA RUN CONNECTION



**LINE
575 VOLT START**



**LINE
575 VOLT RUN**