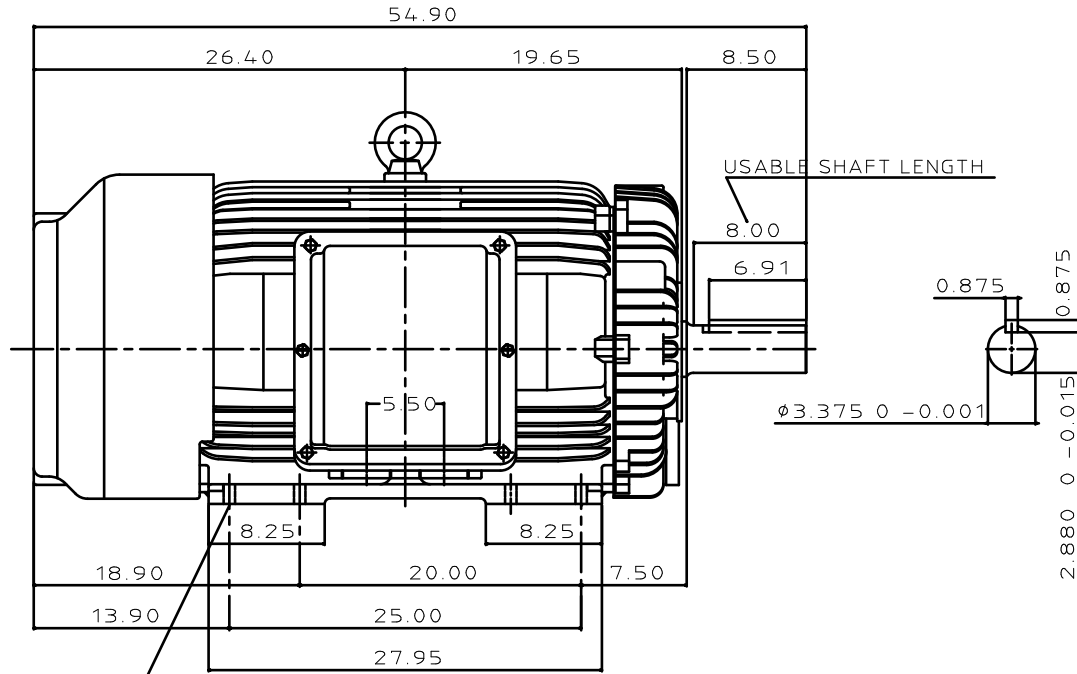


TYPE	OUTPUT		POLE	TIME RATING	VOLTAGE V	Hz	SYN.SPEED R.P.M
	HP.	kW.					
AEHH8N	150	112	8	CONT.	460	60	900

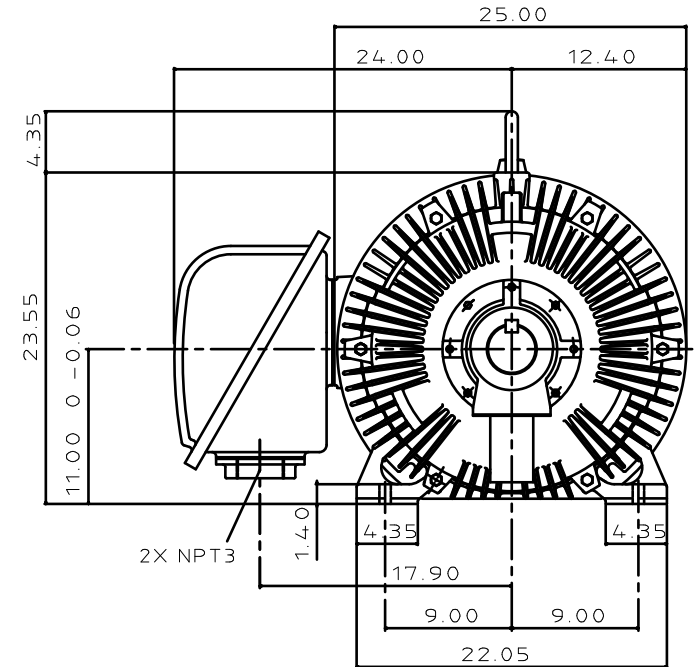
TOTALLY ENCLOSED FAN-COOLED TYPE. SQUIRREL-CAGE ROTOR



8X $\phi 13/16$ HOLES

NOTE:

1. DIMENSIONS IN INCH
2. FRAME NO. 449T
3. F CLASS INSULATION, S.F.1.15
4. FOR DIRECT FLEXIBLE COUPLING
5. ENCLOSURE: IP55
6. BEARING SIZE: DRIVE END: NU320C3
NON-DRIVE END: 6316C3
7. APPROX. WEIGHT: 2134 LBS



DATE	01-02-17	OUTLINE DIMENSIONS
CATALOG #	EP1508R	3-PHASE INDUCTION MOTOR
DWG NO.	3A040Y702	REV: 02

DWN	T.H.Pan	FEB•18 2005
CHKD	H.HUANG	FEB•18 2005
APPD	C.WANG	FEB•18 2005

TEC Westinghouse

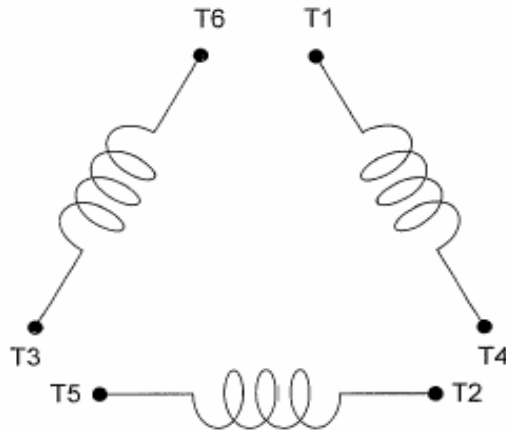
TW-56BC

ISSUED 03/13/12		PERFORMANCE DATA 3-PHASE INDUCTION MOTOR						ENCLOSURE TEFC		
TYPE AEHH8N								CATALOG# EP1508R		
NAMEPLATE INFORMATION										
OUTPUT HP KW		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
150 112		8	449T	460	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			
	MIN. %	NOM. %	%	%	%	%	LOAD			
888	93.0	94.1	93.6	92.1	80	77	69	58 KVAR		
CURRENTS						NEMA KVA CODE LETTER				
NO LOAD		FULL LOAD	LOCKED ROTOR							
72.2		187	1085							
						NEMA KVA CODE LETTER				
72.2		187	1085				G			
							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	MAX ALLOWABLE WK ² lb-ft ²	NEMA LOAD WK ² Sec	MAX ALLOWABL E WK ² Sec		
886.9	120	1201	200	166	3456	8640	7.06	17.17		
SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)						
COLD	HOT	COLD	HOT							
27	18	2	1	74						
APPROVED:		M. PRATER		DRAWING NO.		3A057EP1508R		REVISION 0		

DATE:
December 28, 2010

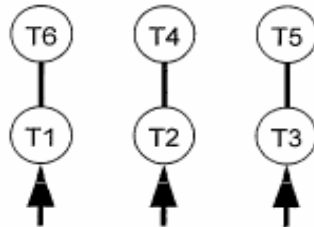
CONNECTION DIAGRAM

CATALOG NO.:
EP1508R



SCHEMATIC - Δ / Y CONNECTION

ACROSS THE LINE CONNECTION



460 VOLT CONNECTION

***CONTACT TWMC IF YOU HAVE ANY QUESTIONS
REGARDING THE MOTOR CONNECTION.**

PH: 1-800-873-8326