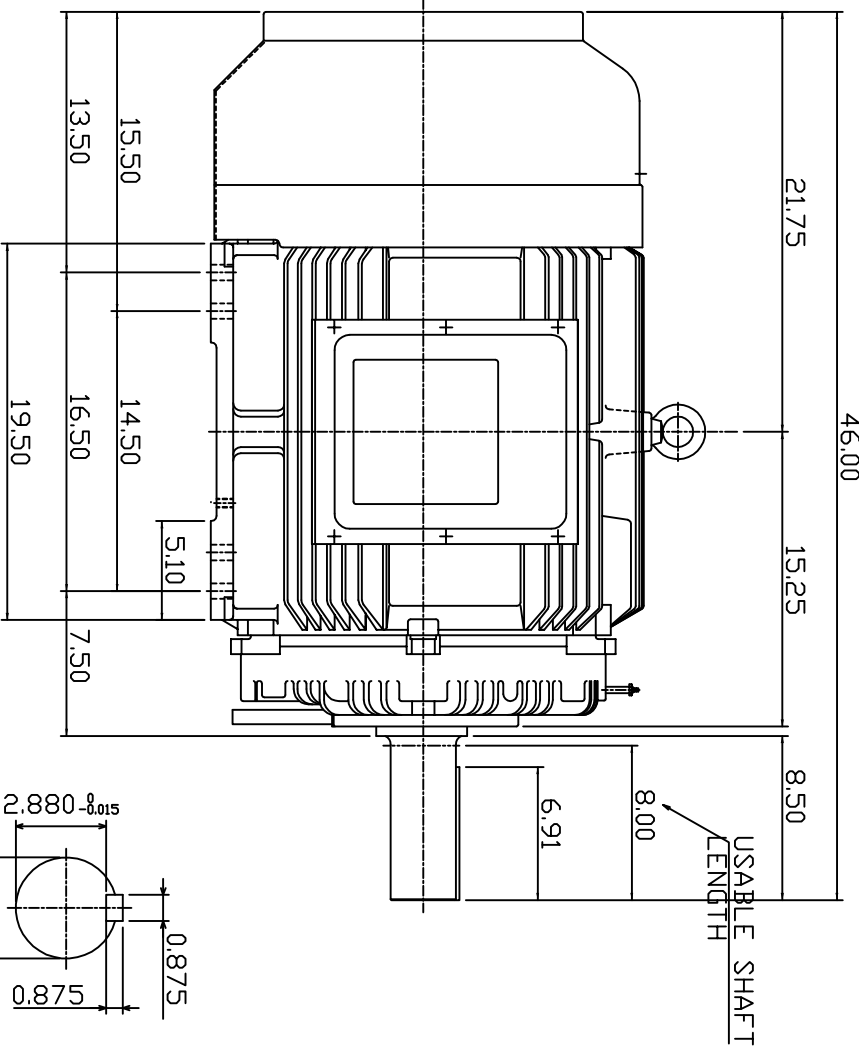
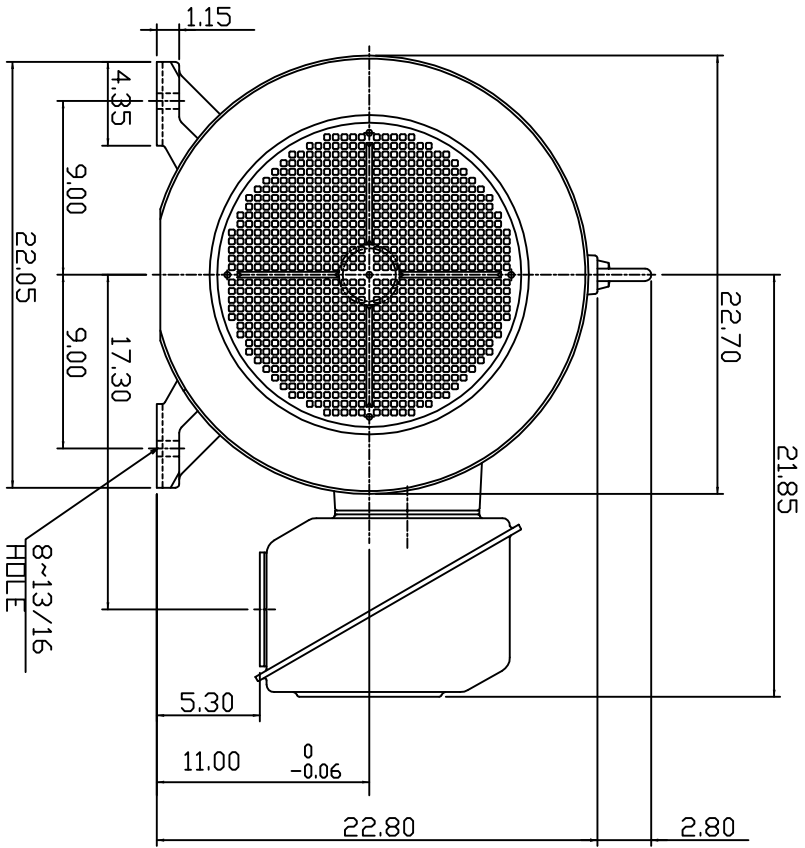


TYPE	OUTPUT		POLE	TIME RATING	VOLTAGE	Hz	SYN SPEED
	HP.	KW.					
AEHH8P	150	111.9	4	CONT.	460	60	1800

TOTALLY ENCLOSED FAN-COOLED TYPE, SQUIRREL-CAGE ROTOR



SHAFT END
[ENLARGED VIEW]

- NOTE:
1. DIMENSIONS IN INCHES
 2. FRAME SIZE 445T
 3. F CLASS INSULATION, S.F. 1.15
 4. FOR BELTED APPLICATION
 5. BEARING NO.: DRIVE END: NU318C3
DPP, DRIVE END: 6316C3
 6. ENCLOSURE: IP44
 7. APPRDX. WEIGHT: 1700 LBS

DWN.	SLEE	JAN. 26 -2011
CHKD.	SLEE	JAN. 26 -2011
APPD.	H.LIU	JAN. 26 -2011

DATE	FEB. 11, 2011	OUTLINE DIMENSIONS
CATALOG #:	NP1504R	
3-PHASE INDUCTION MOTOR		



DWG. NO. 3A049DWB10464-26
REV. 00

TECO Westinghouse

ISSUED 6/1/2011	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE TEFC
TYPE AEHH8P		CATALOG# NP1504R

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
150	111.9	4	445T	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	0.0188~150	90~1800	1.10~442	0.0492	0.038	0.367	0.691	11.3

CONSTANT TORQUE				CONSTANT HORSEPOWER			
HZ	HP	RPM	TORQUE (lb-ft)	HZ	HP	RPM	TORQUE (lb-ft)
6~60	15~150	180~1800	442	60~90	150	1800~2700	442~294.66

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.%						
1783	95.0	95.8	95.4	94.5	84.0	82.0	78.0	81

CURRENTS				NEMA KVA CODE LETTER	SAFE STALL TIME IN SECONDS			
NO LOAD		FULL LOAD			LOCKED ROTOR			
AT 460 VOLT		AT 460 VOLT			AT 460 VOLT			
46.6		175		1085		G	25	17

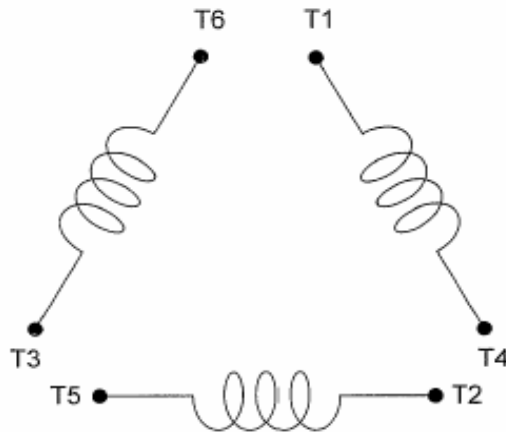
TORQUE				INERTIA			ACCEL TIME (DOL)		ALLOWABLE STARTS PER HOUR	
FULL LOAD (lb-ft)	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR WR ² (lb-ft ²)	NEMA LOAD WK ² (lb-ft ²)	MAX ALLOWABLE WK ² (lb-ft ²)	NEMA LOAD WK ² Sec	MAX ALLOWABLE WK ² Sec	COLD	HOT
442.00	130	100	220	52	640	1280	5.33	10.26	2	1

APPROVED:	M. PRATER	DRAWING NO.	31057NP1504R	REVISION:	0
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DATE:
June 1, 2011

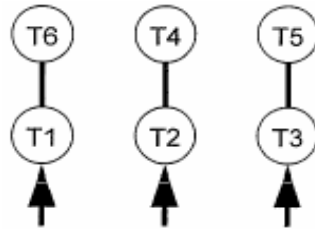
CONNECTION DIAGRAM

CATALOG NO.:
NP1504R



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

TECO  **Westinghouse**

DWG NO.

DAC-1545-4