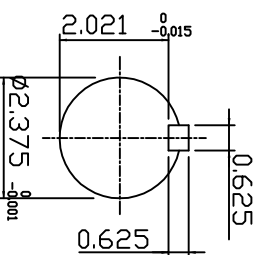
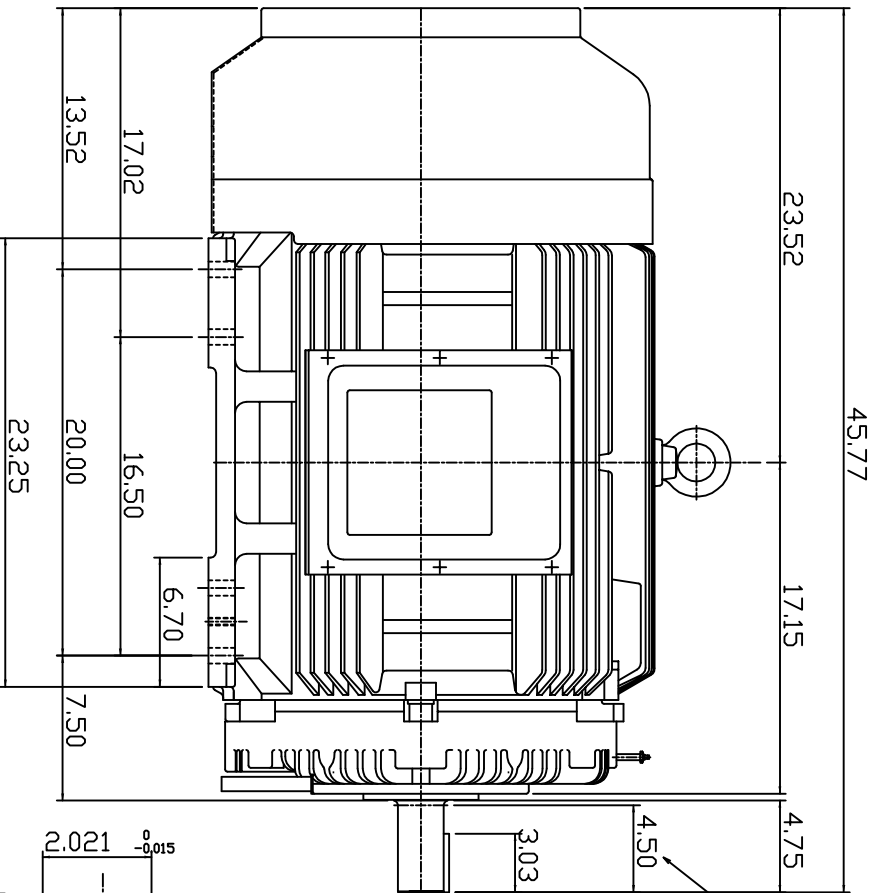
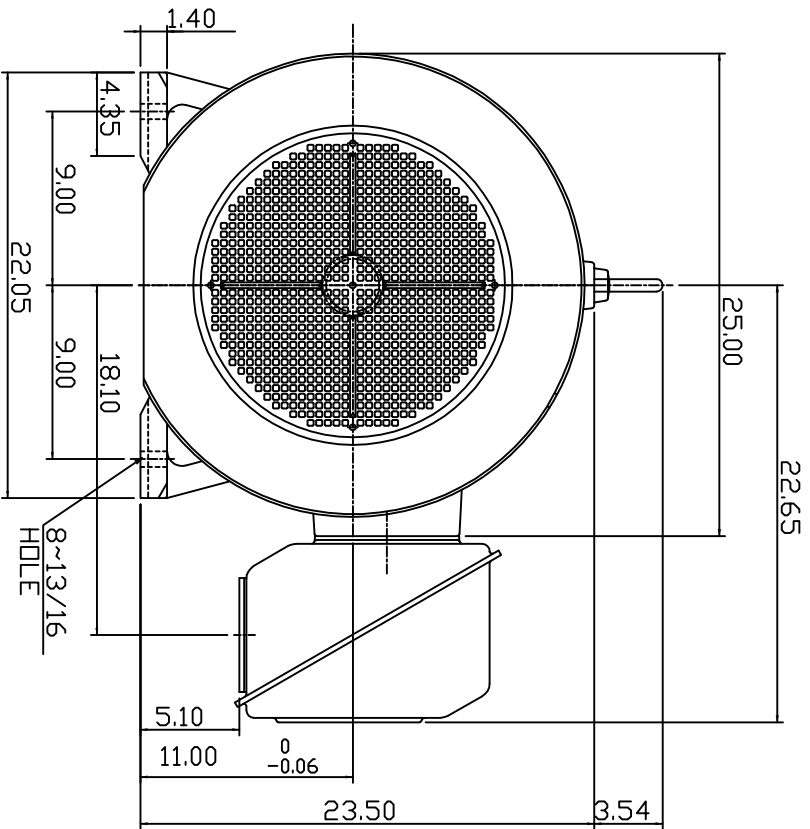


TYPE	OUTPUT		POLE	TIME RATING	VOLTAGE V	Hz	SYN SPEED R.P.M
	HP.	KW.					
AEHH8P	200	149.2	4	CDNT.	460	60	1800

TOTALLY ENCLOSED FAN-COOLED TYPE, SQUIRREL-CAGE ROTOR



NOTE:

1. DIMENSIONS IN INCHES
2. FRAME SIZE 447TS
3. F CLASS INSULATION, S.F. 1.15
4. FOR DIRECT FLEXIBLE COUPLING
5. BEARING NO.: DRIVE END: 6320C3
DPP, DRIVE END: 6316C3
6. ENCLOSURE: IP44
7. APPRX. WEIGHT: 2300 LBS

DWN.	SLEE	JAN. 26 '2011
CHKD.	SLEE	JAN. 26 '2011
APPD.	HLIU	JAN. 26 '2011

DATE	FEB. 11, 2011	DUTLINE DIMENSIONS
CATALOG #	NP2004S	
3-PHASE INDUCTION MOTOR		DWG NO. 3A049DWB10464-23
REV: 00		



6 5 4 3 2 1

TECO Westinghouse

ISSUED 8/29/2014	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE TEFC
TYPE AEHH8P		CATALOG# NP2004S

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
200	149.2	4	447TS	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	90~1800	1.458~588	0.0248	0.0232	0.219	0.442	10.3

CONSTANT TORQUE				CONSTANT HORSEPOWER			
HZ	HP	RPM	TORQUE (lb-ft)	HZ	HP	RPM	TORQUE (lb-ft)
6~60	20~200	180~1800	588	60~90	200	1800~2700	588~392

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.%						
1786	95.4	96.2	95.8	95	87	83.5	78.5	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			
46.4		224.00		1450		G	19	13

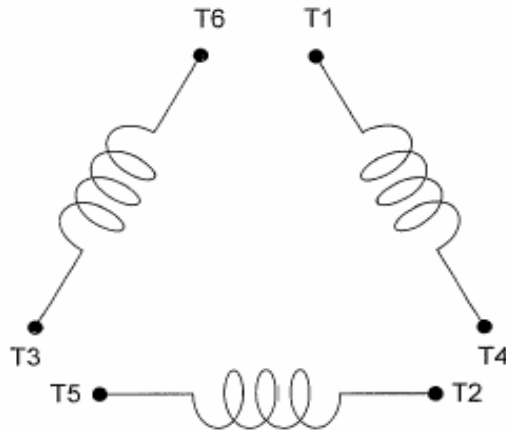
TORQUE				INERTIA			ACCEL TIME (DOL)		ALLOWABLE STARTS PER HOUR	
FULL LOAD (lb-ft)	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR WR ² (lb-ft ²)	NEMA LOAD WK ² (lb-ft ²)	MAX ALLOWABLE WK ² (lb-ft ²)	NEMA LOAD WK ² Sec	MAX ALLOWABLE WK ² Sec	COLD	HOT
588.00	120	95	210	73.5	831	1662	5.52	10.59	2	1

APPROVED:	M. PRATER	DRAWING NO.	31057NP2004	REVISION:	1
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DATE:
June 1, 2011

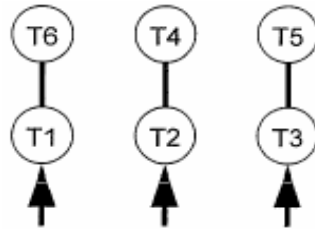
CONNECTION DIAGRAM

CATALOG NO.:
NP2004S



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