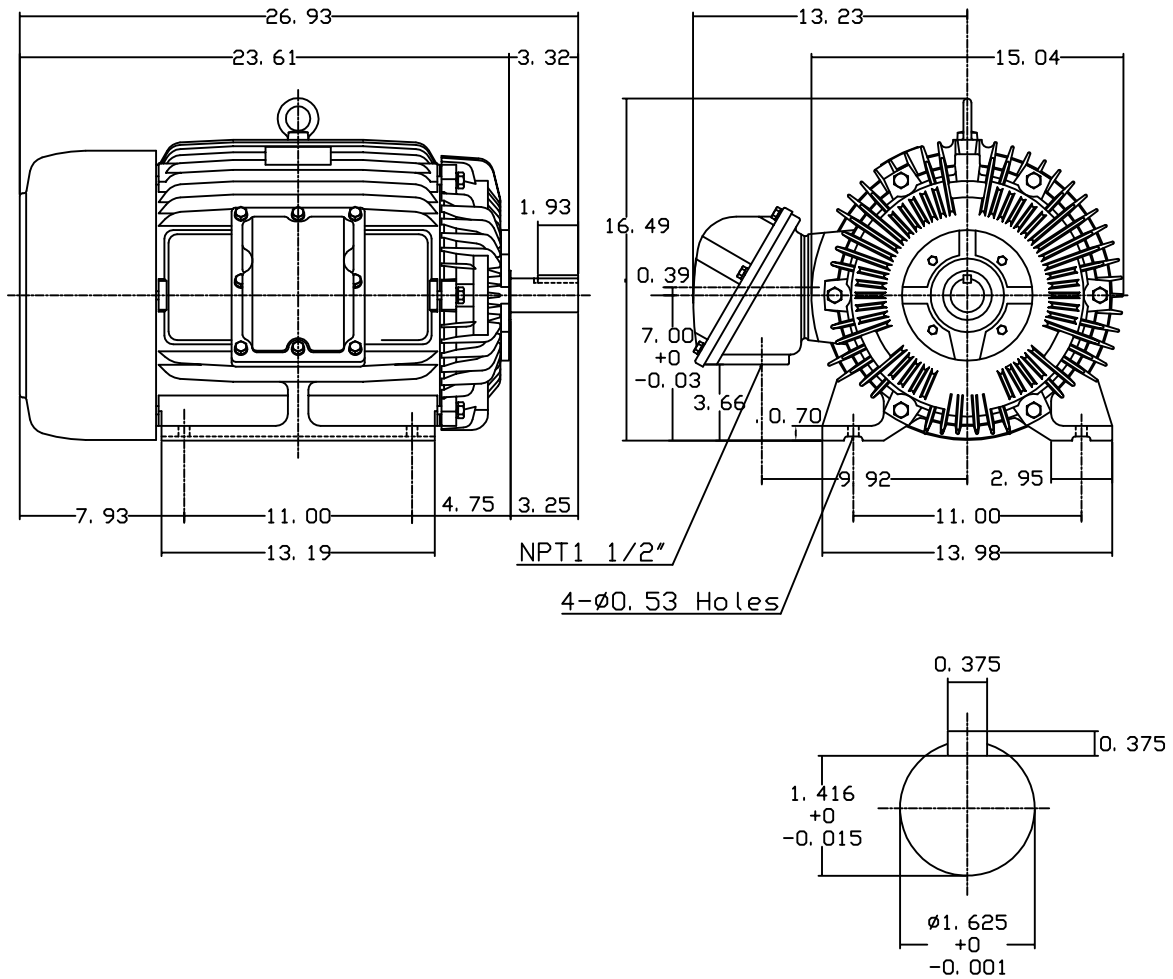


DATE JUNE 13, 2011	OUTLINE DIMENSIONS 3-PHASE INDUCTION MOTOR	MOTOR TYPE: AEHHXU
CATALOG NO. XP0302		FRAME NO. 286TS

Pole	HP	KW	Hz	VOLT	Syn. Speed RPM
2	30	22.4	60	230/460	3600

Ins	Rating	Dimension in	Approx Weight	Bearings	
F	CONT.	inches	502 lbs.	DE: 6211C3	NDE: 6211C3

Totally Enclosed Fan Cooled Type. Squirrel-cage Rotor.



NOTE:
1. EXPLOSION-PROOF:
CLASS I GROUP D AND
CLASS II GROUP E,F,G.

DWN.	J. H. LIANG	11-30-98	TECO   Westinghouse	DWG NO.
CHKD.	C. H. KAO	12-26-98		31049M628081
APPD.	Y. B. HUANG	12-26-98		

TECO Westinghouse

ISSUED April 6, 2011	PERFORMANCE DATA	ENCLOSURE EXPLOSION PROOF
TYPE AEHHXU	3-PHASE INDUCTION MOTOR	CATALOG# XP0302

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
30	22.4	2	286TS	230/460	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 LOAD	
	MIN. %	NOM. %						
3545	91	92.4	93	93	92	91.5	88	4.6 KVAR

CURRENTS

NO LOAD			FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
AT	AT	AT	AT	AT	AT	AT	AT	AT	
208 VOLT	230 VOLT	460 VOLT	208 VOLT	230 VOLT	460 VOLT	208 VOLT	230 VOLT	460 VOLT	
12.72	11.50	5.75	72.98	66.00	33.00	481.01	435.00	217.50	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 ALLOWABLE WK ² Sec
44.43	195	140	230	1.959	30	73.00	4.21	9.87

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

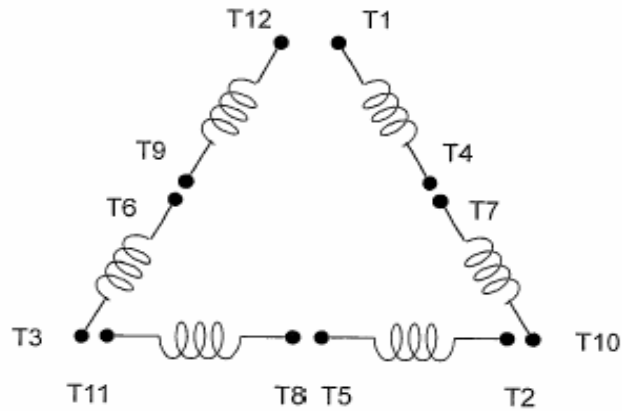
COLD	HOT	COLD	HOT	77
24	17	2	1	

APPROVED:	M. PRATER	DRAWING NO.	31057XP0302	REVISION 0
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DATE:
March 24, 2011

CONNECTION DIAGRAM

CATALOG NO.:
XP0302



SCHEMATIC - Δ / Y CONNECTION

ACROSS THE LINE CONNECTION



LINE
230 VOLT CONNECTION



LINE
460 VOLT CONNECTION

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

PH: 1-800-873-8326