

TECO

OUTLINE DIMENSIONS

MOTOR TYPE:
AEUHXF-10C

DATE

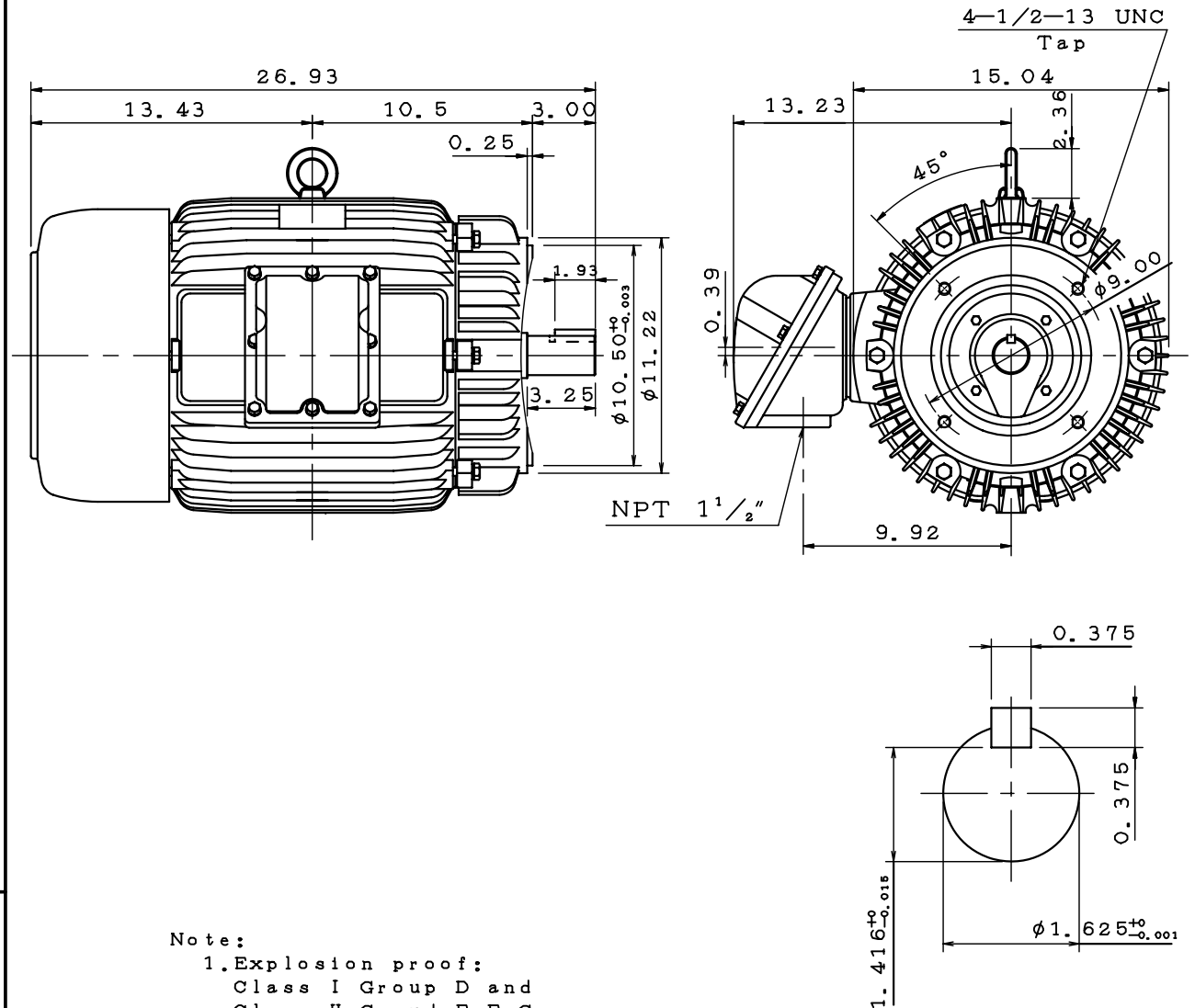
3-PHASE INDUCTION MOTOR

FRAME NO. 286TSC

Pole	HP	kW	Hz	VOLT	r/min
2	30	—	60	230/460	3600

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

Totally Enclosed Fan-Cooled Vertical Type. Squirrel-cage Rotor.



Note:

- Explosion proof:
Class I Group D and
Class II Group E.F.G.

WL17706-

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DWG.	郭耿良	12.13.12	東元電機股份有限公司 TECO Electric & Machinery Co., Ltd. TAIWAN	DWG NO.	31057H205600
CHKD.	郭耿良	12.15.12			
APPD.	蔡明釗	12.15.12			

TECO Westinghouse

ISSUED May 14, 2011	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE EXPLOSION PROOF
TYPE AEHXXF		CATALOG# XPV0302C

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
30	22.4	2	286TSC	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

24

17

2

1

77

APPROVED:

M. PRATER

DRAWING NO.

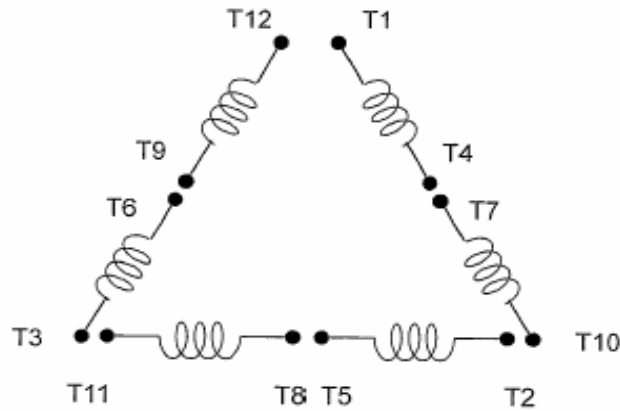
31057XPV0302C

REVISION **0**

DATE:
March 24, 2011

CONNECTION DIAGRAM

CATALOG NO.:
XPV0302C



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