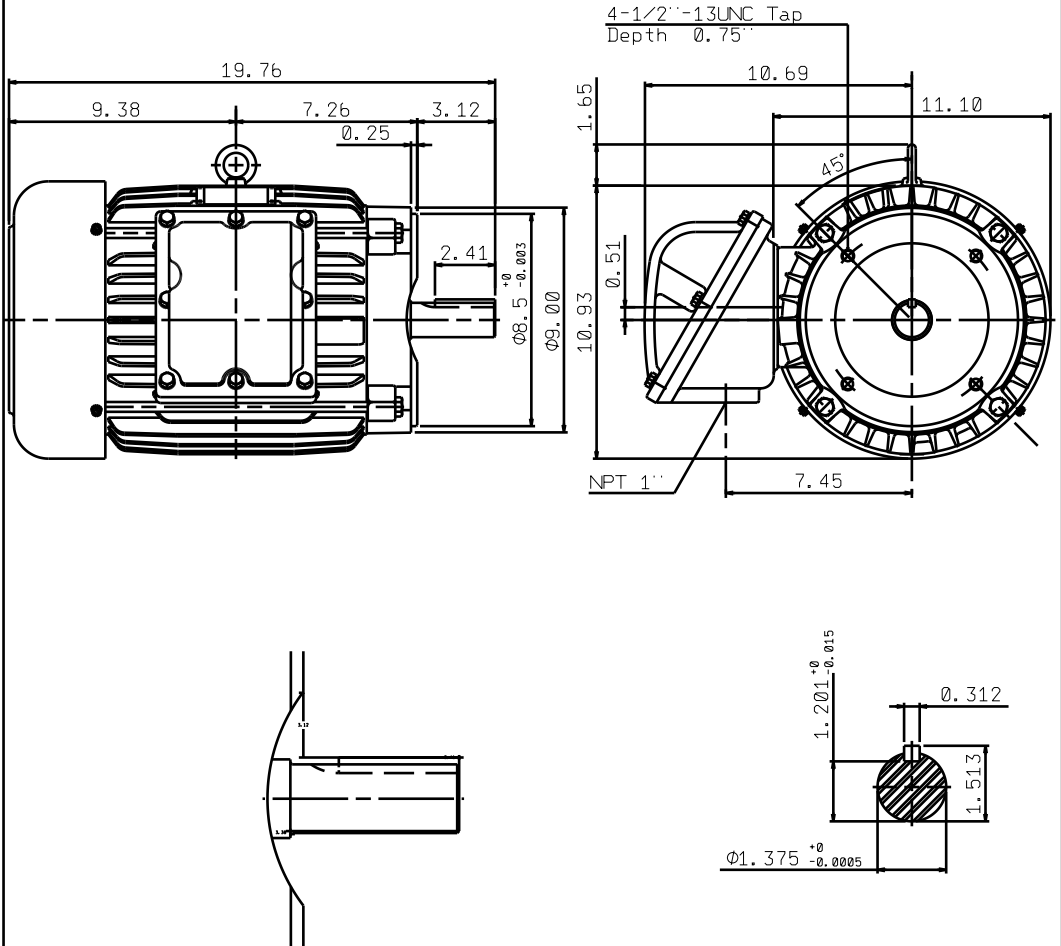


DATE MAY 11, 2015	OUTLINE DIMENSIONS 3-PHASE INDUCTION MOTOR	MOTOR TYPE: ÆUHXG
CATALOG NO. XPV0104C		FRAME NO. 215TC

Pole	HP	KW	Hz	VOLT	Syn. Speed r/min (rpm)
4	10	7.5	60	230/460	1800
Ins	Rating	Dimension in	Approx Weight	Bearings	
F	CONT.	inches	216 lbs.	DE: 6308ZZ NDE: 6306ZZ	

Totally Enclosed Fan-Cooled Type. Squirrel-Cage Rotor.



Note:

- Explosion proof:  
CLASS I, DIV 1, GROUP C+D, \*J  
CLASS II, DIV 1 and 2, GROUP  
E, F, G.

DWN.	J. H. LIANG	11•28•00
CHKD.	C. S. LO	03•22•01
APPD.	Y. B. HUANG	03•22•01

TEC Westinghouse

DWG NO.

31049U55402

# TECO Westinghouse

ISSUED <b>April 6, 2011</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>EXPLOSION PROOF</b>
TYPE <b>AEUHXG</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>XPV0104C</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>10</b>	<b>7.5</b>	<b>4</b>	<b>215TC</b>	<b>230/460</b>	<b>60</b>	<b>40°C</b>	<b>F</b>	<b>B</b>	<b>CONT.</b>	<b>1.15</b>

### 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. %						
<b>1745</b>	<b>90.2</b>	<b>91.7</b>	<b>92</b>	<b>92</b>	<b>87.5</b>	<b>85</b>	<b>78.5</b>	<b>2.7 KVAR</b>

### 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	
<b>7.39</b>	<b>6.68</b>	<b>3.34</b>	<b>25.88</b>	<b>23.40</b>	<b>11.70</b>	<b>179.13</b>	<b>162.00</b>	<b>81.00</b>	<b>H</b>

### TORQUE

### INERTIA

### ACCEL TIME

FULL LOAD lb-ft	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR WR <sup>2</sup> lb-ft <sup>2</sup>	NEMA LOAD WK <sup>2</sup> lb-ft <sup>2</sup>	MAX ALLOWABLE WK <sup>2</sup> lb-ft <sup>2</sup>	NEMA LOAD WK <sup>2</sup> Sec	MAX ALLOWABLE WK <sup>2</sup> Sec
<b>30.09</b>	<b>260</b>	<b>210</b>	<b>280</b>	<b>0.924</b>	<b>51</b>	<b>98.00</b>	<b>4.02</b>	<b>7.65</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD		HOT		60
<b>17</b>	<b>12</b>	<b>2</b>	<b>1</b>	

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057XPV0104C</b>	REVISION <b>0</b>
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DATE:  
May 13, 2016

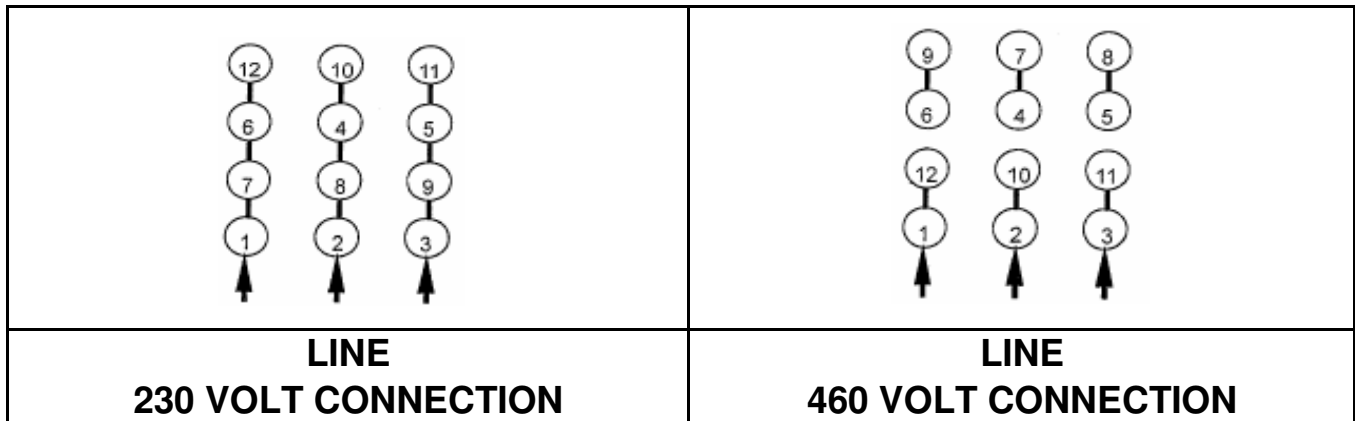
# CONNECTION DIAGRAM

CATALOG NO.:  
XPV0104C

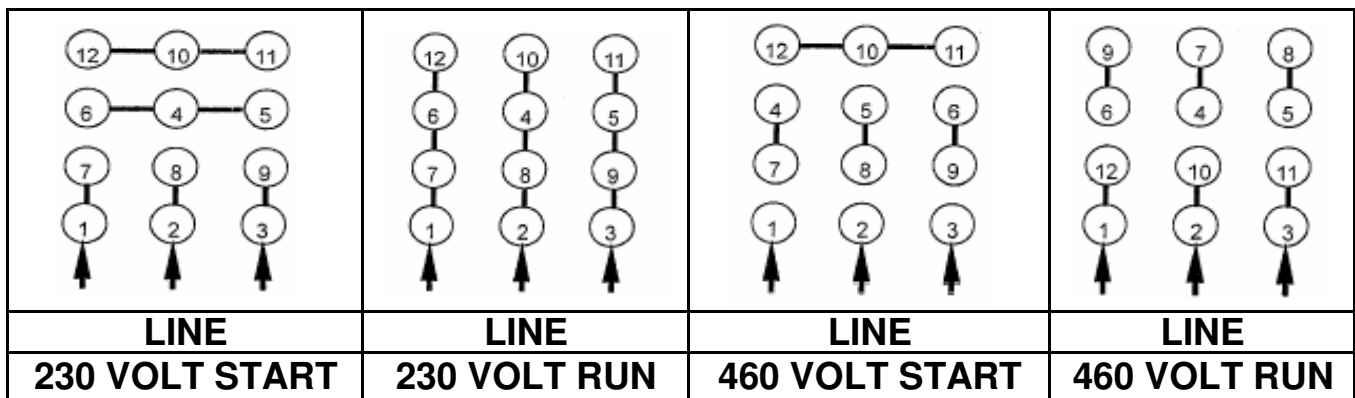


**SCHEMATIC - Δ / Y CONNECTION**

## ACROSS THE LINE CONNECTION



## WYE START-DELTA RUN CONNECTION



DWG NO.  
DAC-1565-4