

DATE
MAY 11. 2015
CATALOG NO.
XPV0022C

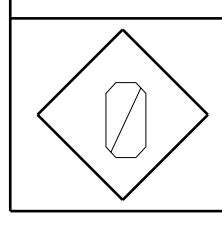
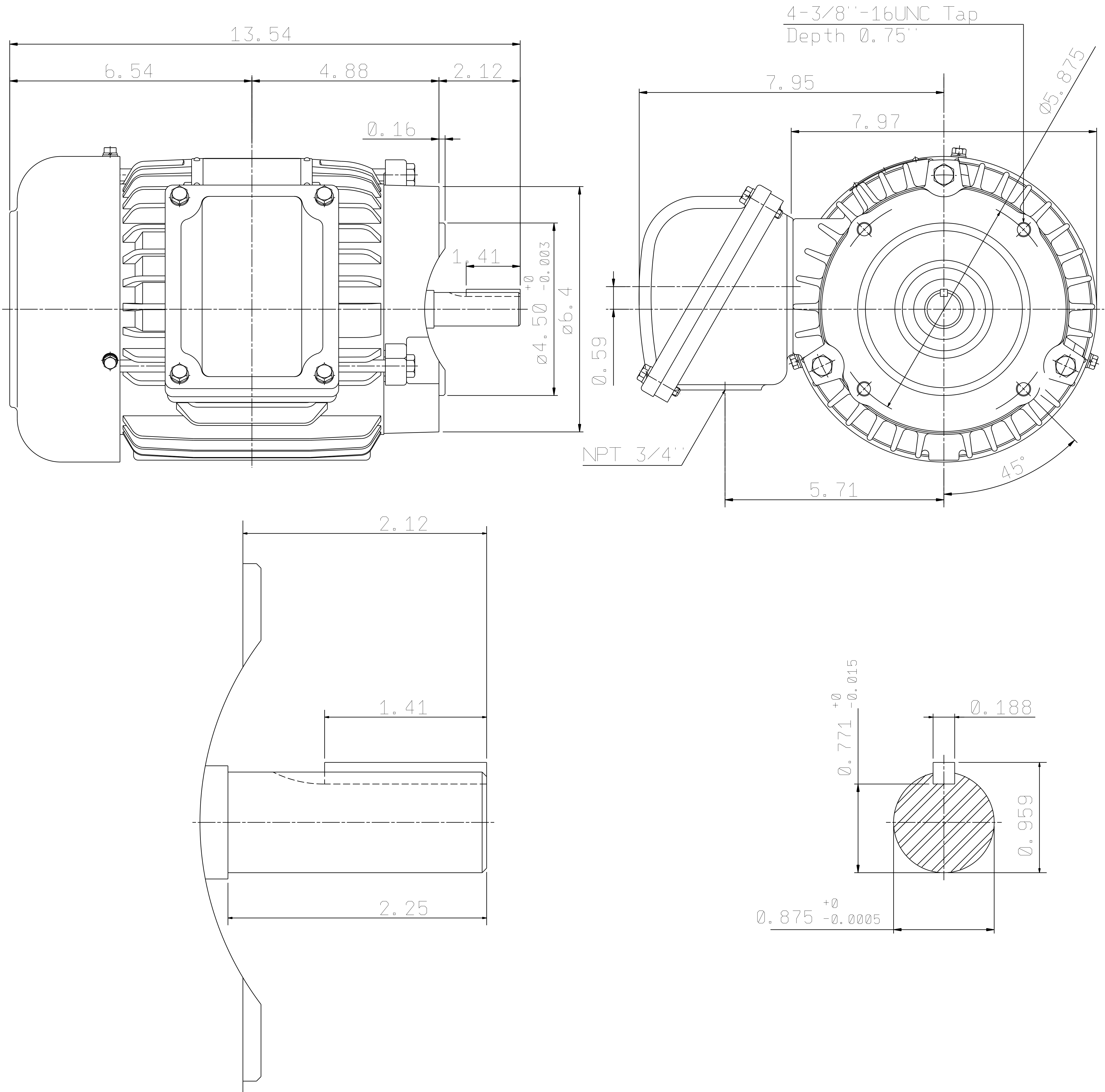
OUTLINE DIMENSIONS
3-PHASE INDUCTION MOTOR

MOTOR TYPE:
AEUHXG
FRAME NO. 145TC

Pole	HP	KW	Hz	VOLT	Syn. Speed RPM
2	2	1.5	60	230/460	3600

Ins	Rating	Dimension in	Approx Weight	Bearings
F	CONT.	inches	75 lbs.	DE: 6205ZZ NDE: 6205ZZ

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



DWN.	J.H. LIANG	11-12-98
CHKD.	C.S. LO	11-23-98
APPD.	Y.B. HUANG	11-23-98



DWG NO.

TECO Westinghouse

ISSUED March 10, 2005	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE EXPLOSION PROOF
TYPE AEUHXG		CATALOG# XPV0022C

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
2	1.5	2	145TC	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. %						
3465	84	86.5	86.5	85.5	86	80.5	70	0.9 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	
2.41	2.18	1.09	5.56	5.03	2.52	55.29	50.00	25.00	L

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
3.031	350	315	390	0.064	2.4	5.60	2.79	6.40

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	65
17	12	2	1	

APPROVED:	M. PRATER	DRAWING NO.	31057XPV0022C	REVISION 0
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DATE:
June 28, 2005

CONNECTION DIAGRAM

CATALOG NO.:
XPV0022C



SCHEMATIC - 2Y/Y CONNECTION

ACROSS THE LINE CONNECTION



**LINE
230 VOLT CONNECTION**



**LINE
460 VOLT CONNECTION**