

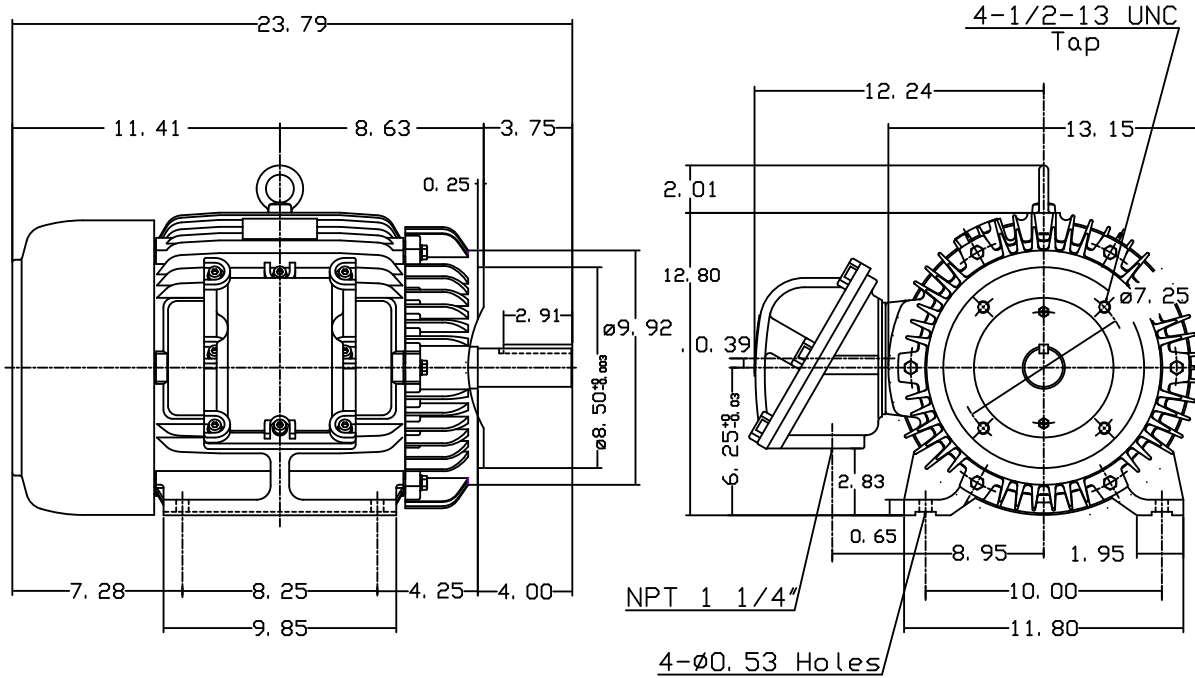
DATE
APRIL 7, 2011
CATALOG NO.
XPO154C

OUTLINE DIMENSIONS
3-PHASE INDUCTION MOTOR

MOTOR TYPE:
AEHHXF
FRAME NO. 254TC

Pole	HP	KW	Hz	VOLT	Syn. Speed RPM
4	15	11.2	60	230/460	1800
Ins	Rating	Dimension in	Approx Weight	Bearings	
F	CONT.	inches	335 lbs.	DE: 6309ZZ	NDE: 6307ZZ

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



NOTE:

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



DWN.	J. H. LIANG	12-04-98
CHKD.	C. S. LO	12-10-98
APPD.	Y. B. HUANG	12-10-98

TECO Westinghouse

DWG NO.
31049M625252-1

TECO Westinghouse

ISSUED April 11, 2011	PERFORMANCE DATA	ENCLOSURE EXPLOSION PROOF
TYPE AEHXXF	3-PHASE INDUCTION MOTOR	CATALOG# XP0154C

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
15	11.2	4	254TC	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. %						
1765	91	92.4	92.5	92	85	82	73	5.0 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	
13.82	12.50	6.25	39.59	35.80	17.90	256.54	232.00	116.00	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
44.62	200	145	275	2.179	75	145.00	4.49	8.56

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	64
17	12	2	1	

APPROVED:	M. PRATER	DRAWING NO.	31057XP0154C	REVISION 0
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DATE:
May 14, 2011

CONNECTION DIAGRAM

CATALOG NO.:
XP0154C



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