

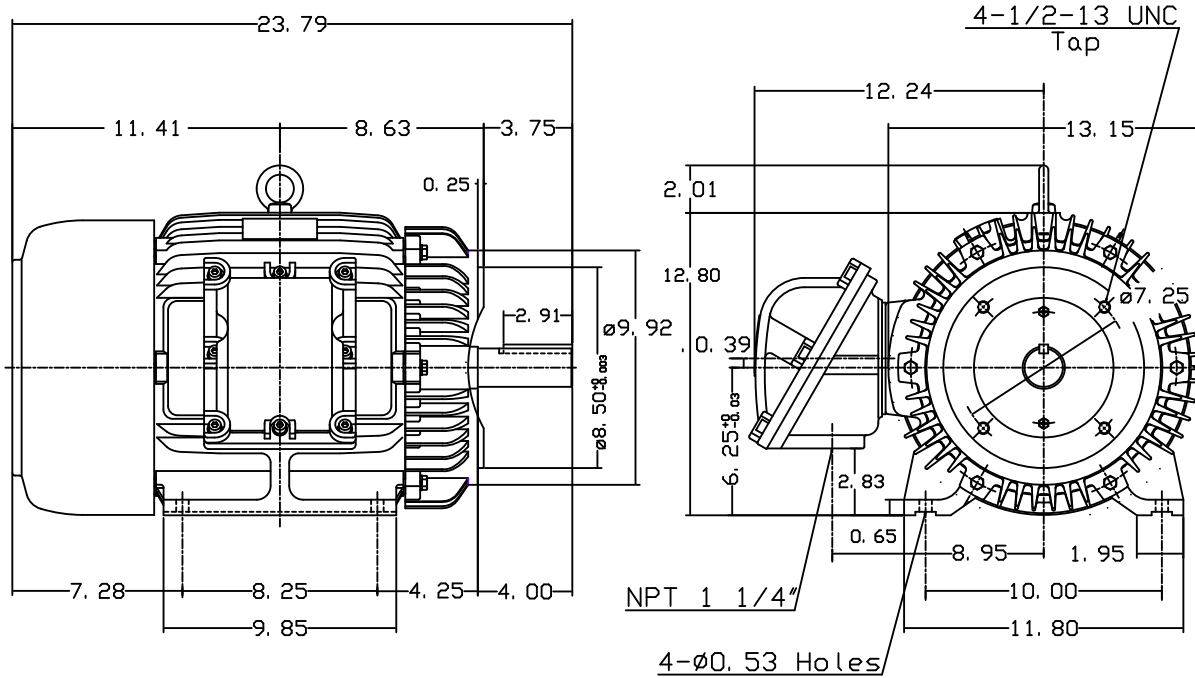
DATE
APRIL 7, 2011
CATALOG NO.
XP0152C

OUTLINE DIMENSIONS
3-PHASE INDUCTION MOTOR

MOTOR TYPE:
AEHHXF
FRAME NO. 254TC

Pole	HP	KW	Hz	VOLT	Syn. Speed RPM
2	15	11.2	60	230/460	3600
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 6, 2011	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE EXPLOSION PROOF
TYPE AEHXXF		CATALOG# XP0152C

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
15	11.2	2	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. %						
3525	89.5	91	91.5	90.5	92	91	87	2.8 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	
7.87	7.12	3.56	37.15	33.60	16.80	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
22.34	235	185	285	1.088	16	32.00	3.69	7.14

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	
17	12	2	1	

APPROVED:	M. PRATER	DRAWING NO.	31057XP0152C	REVISION 0
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DATE:
March 24, 2011

CONNECTION DIAGRAM

CATALOG NO.:
XP0152C



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