

TECO Westinghouse

ISSUED October 5, 2006	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AEHH8N	3-PHASE INDUCTION MOTOR	CATALOG# EP15065R

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
150	111.9	6	447T	575	60	40°C	F	C	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. %	%	%	%	%	%	
1186	95	95.8	95.4	94.5	83.5	81	74	43 KVAR

CURRENTS

NO LOAD			FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
AT 575 VOLT			AT 575 VOLT			AT 575 VOLT			
40.30			141.60			941.30			

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

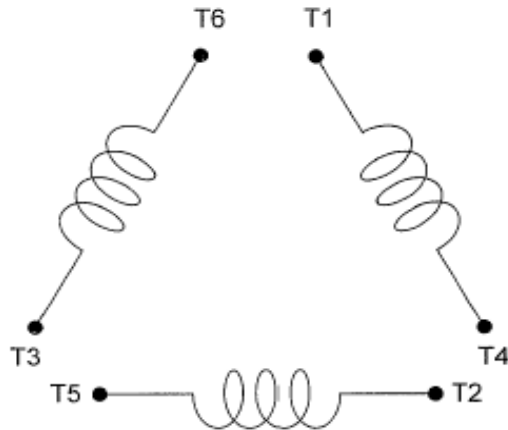
SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
19	13	2	1	

APPROVED:	M. PRATER	DRAWING NO.	3A057EP1506R5	REVISION 0
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DATE:
October 12, 2006

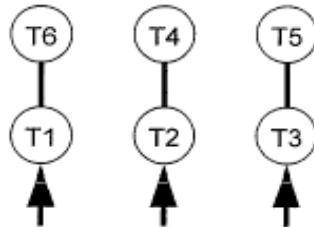
CONNECTION DIAGRAM

CATALOG NO.:
EP15065R



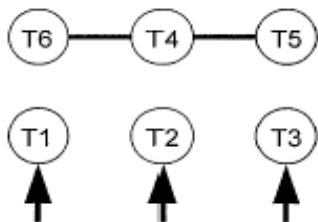
SCHEMATIC - Δ / Y CONNECTION

ACROSS THE LINE CONNECTION

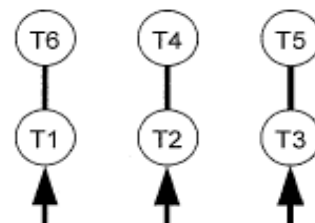


575 VOLT CONNECTION

WYE START-DELTA RUN CONNECTION



**LINE
575 VOLT START**



**LINE
575 VOLT RUN**