

# TECO Westinghouse

ISSUED <b>April 29, 2011</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEHH8PCF</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>NP0014C</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>1</b>	<b>0.7</b>	<b>4</b>	<b>143TC</b>	<b>190/380</b>	<b>50</b>	<b>40°C</b>	<b>F</b>	<b>B</b>	<b>CONT.</b>	<b>1.0</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>1435</b>	<b>81.5</b>	<b>84</b>	<b>85.5</b>	<b>84</b>	<b>83.5</b>	<b>76.5</b>	<b>63.5</b>	<b>1 KVAR</b>

### CURRENTS

NO LOAD			FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
AT		AT	AT		AT	AT		AT	
190 VOLT		380 VOLT	190 VOLT		380 VOLT	190 VOLT		380 VOLT	
<b>1.64</b>		<b>0.82</b>	<b>3.24</b>		<b>1.62</b>	<b>40.00</b>		<b>20.00</b>	<b>P</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>3.659</b>	<b>225</b>	<b>195</b>	<b>295</b>	<b>0.086</b>	<b>9.03667</b>	<b>36.15714286</b>	<b>4.86</b>	<b>19.30</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	49
<b>40</b>	<b>28</b>	<b>2</b>	<b>1</b>	

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057NP0014C-50</b>	REVISION <b>0</b>
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