

# TECO Westinghouse

ISSUED <b>December 23, 2010</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEHH8P</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>NP0506</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>50</b>	<b>37.3</b>	<b>6</b>	<b>365T</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>980</b>	<b>91.7</b>	<b>93</b>	<b>94.1</b>	<b>94.1</b>	<b>85.5</b>	<b>83.5</b>	<b>77</b>	<b>15.30 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>38.40</b>		<b>19.20</b>	<b>142.60</b>		<b>71.30</b>	<b>964.00</b>		<b>482.00</b>	<b>H</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>267.9</b>	<b>180</b>	<b>145</b>	<b>200</b>	<b>21.38</b>	<b>962.59</b>	<b>1892.857143</b>	<b>6.61</b>	<b>12.87</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	
<b>32</b>	<b>22</b>	<b>2</b>	<b>1</b>	<b>75</b>

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057NP0506-50</b>	REVISION <b>0</b>
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