

# TECO Westinghouse

ISSUED <b>April 5, 2006</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEHH8N</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>EP0606-50</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>60</b>	<b>44.8</b>	<b>6</b>	<b>404T</b>	<b>190/380</b>	<b>50</b>	<b>40°C</b>	<b>F</b>	<b>C</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>975</b>	<b>91.7</b>	<b>93</b>	<b>94.5</b>	<b>95.4</b>	<b>88.5</b>	<b>89</b>	<b>86.5</b>	<b>12.83 KVAR</b>

### CURRENTS

NO LOAD			FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
AT		AT	AT		AT	AT		AT	
109 VOLT		380 VOLT	190 VOLT		380 VOLT	190 VOLT		380 VOLT	
<b>32.20</b>		<b>16.10</b>	<b>165.20</b>		<b>82.60</b>	<b>1156.00</b>		<b>578.00</b>	<b>G</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>323.1</b>	<b>135</b>	<b>130</b>	<b>200</b>	<b>33.53</b>	<b>1141.59</b>	<b>1947.142857</b>	<b>7.12</b>	<b>12.00</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD

HOT

COLD

HOT

**25**

**18**

**2**

**1**

**78**

APPROVED:

**M. PRATER**

DRAWING NO.

**31057EP0606-50**

REVISION **0**