

# TECO Westinghouse

ISSUED <b>December 16, 2005</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEHH8N</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>EP1252-50</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>125</b>	<b>93.3</b>	<b>2</b>	<b>444TS</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>2959</b>	<b>94.3</b>	<b>93.4</b>	<b>94</b>	<b>93.2</b>	<b>86.5</b>	<b>84</b>	<b>77.5</b>	<b>59 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>148.00</b>		<b>74.00</b>	<b>350.72</b>		<b>175.36</b>	<b>1820.00</b>	<b>910.00</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>221.6</b>	<b>88</b>	<b>70</b>	<b>176</b>	<b>16.6</b>	<b>113</b>	<b>170</b>	<b>4.19</b>	<b>6.04</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

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

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057EP1252-50</b>	REVISION <b>0</b>
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