

# 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>EP1254R-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>4</b>	<b>444T</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>1477</b>	<b>94.3</b>	<b>93.4</b>	<b>94</b>	<b>93.2</b>	<b>85</b>	<b>82.8</b>	<b>77.8</b>	<b>57 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>142.00</b>		<b>71.00</b>	<b>356.92</b>		<b>178.46</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>443.9</b>	<b>104</b>	<b>80</b>	<b>176</b>	<b>44</b>	<b>542</b>	<b>1084</b>	<b>4.54</b>	<b>8.75</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD

HOT

COLD

HOT

**35**

**23**

**2**

**1**

**81**

APPROVED:

**M. PRATER**

DRAWING NO.

**31057EP1254R-50**

REVISION **0**