

# TECO Westinghouse

ISSUED <b>February 15, 2007</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEHH8N</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>EP2004S-50</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>200</b>	<b>149.2</b>	<b>4</b>	<b>447TS</b>	<b>380</b>	<b>50</b>	<b>40°C</b>	<b>F</b>	<b>B</b>	<b>CONT.</b>	<b>1.00</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>1480</b>	<b>95</b>	<b>94.1</b>	<b>94.8</b>	<b>94</b>	<b>85.5</b>	<b>84</b>	<b>80</b>	<b>80 KVAR</b>

### CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
AT	AT	AT	
380	380	380	
VOLT	VOLT	VOLT	
<b>100.50</b>	<b>281.75</b>	<b>1450.00</b>	<b>G</b>

### TORQUE

### INERTIA

### ACCEL TIME

FULL LOAD lb-ft	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR	NEMA	MAX	NEMA	MAX
				WR <sup>2</sup>	LOAD	ALLOWABLE	LOAD	ALLOWABLE
				lb-ft <sup>2</sup>	WK <sup>2</sup>	WK <sup>2</sup>	WK <sup>2</sup>	WK <sup>2</sup>
					lb-ft <sup>2</sup>	lb-ft <sup>2</sup>	Sec	Sec
<b>708.8</b>	<b>96</b>	<b>76</b>	<b>168</b>	<b>73.5</b>	<b>831</b>	<b>1662</b>	<b>4.62</b>	<b>8.87</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD		HOT		
<b>28</b>	<b>19</b>	<b>2</b>	<b>1</b>	

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057EP2004S-50</b>	REVISION <b>0</b>
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