

# 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>EP1506-50</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>150</b>	<b>111.9</b>	<b>6</b>	<b>447T</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>984</b>	<b>94.6</b>	<b>93.7</b>	<b>94.4</b>	<b>93.6</b>	<b>84</b>	<b>81.5</b>	<b>74</b>	<b>61 KVAR</b>

### CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
AT	AT	AT	
380 VOLT	380 VOLT	380 VOLT	
<b>76.70</b>	<b>216.01</b>	<b>1085.00</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> lb-ft <sup>2</sup>	LOAD WK <sup>2</sup> lb-ft <sup>2</sup>	ALLOWABLE WK <sup>2</sup> lb-ft <sup>2</sup>	LOAD WK <sup>2</sup> Sec	ALLOWABLE WK <sup>2</sup> Sec
<b>799.5</b>	<b>108</b>	<b>84</b>	<b>176</b>	<b>103</b>	<b>1719</b>	<b>3438</b>	<b>5.18</b>	<b>10.06</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	
<b>29</b>	<b>20</b>	<b>2</b>	<b>1</b>	

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057EP1506</b>	REVISION <b>0</b>
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