

# TECO Westinghouse

ISSUED <b>October 27, 2008</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEHH8NCF</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>EP0016C-50</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>1</b>	<b>0.7</b>	<b>6</b>	<b>145TC</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>935</b>	<b>77.00</b>	<b>80.00</b>	<b>82.50</b>	<b>80.00</b>	<b>73.50</b>	<b>65.50</b>	<b>52.50</b>	<b>0.90 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>2.26</b>		<b>1.13</b>	<b>3.86</b>		<b>1.93</b>	<b>40.00</b>	<b>20.00</b>	<b>N</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>5.615</b>	<b>175</b>	<b>170</b>	<b>260</b>	<b>0.122</b>	<b>23.9315</b>	<b>112.8571429</b>	<b>6.34</b>	<b>29.80</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
<b>60</b>	<b>42</b>	<b>2</b>	<b>1</b>	<b>50</b>

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057EP0016C-50</b>	REVISION <b>0</b>
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