

# TECO Westinghouse

ISSUED <b>December 16, 2005</b>	<b>PERFORMANCE DATA</b> <b>3-PHASE INDUCTION MOTOR</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEHH</b>		CATALOG# <b>HH0106-50</b>

## NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>10</b>	<b>7.5</b>	<b>6</b>	<b>256T</b>	<b>380</b>	<b>50</b>	<b>40°C</b>	<b>F</b>	<b>C</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. %	%	%	%	%	%	
960	88.5	90.2	91.7	91.7	85	82	74	4 KVAR

## CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
AT	AT	AT	
380 VOLT	380 VOLT	380 VOLT	
<b>5.11</b>	<b>14.80</b>	<b>107.00</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>54.69</b>	<b>175</b>	<b>155</b>	<b>220</b>	<b>2.872</b>	<b>211.734</b>	<b>476.7142857</b>	<b>6.61</b>	<b>14.77</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	60
<b>26</b>	<b>18</b>	<b>2</b>	<b>1</b>	

APPROVED:

**M. PRATER**

DRAWING NO.

**31057HH0106**

REVISION **0**