

# TECO Westinghouse

ISSUED <b>May 3, 2011</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEHH8PCF</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>NP0404C</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>40</b>	<b>29.8</b>	<b>4</b>	<b>324TC</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>1470</b>	<b>91.7</b>	<b>93</b>	<b>93.6</b>	<b>94.1</b>	<b>87</b>	<b>87.5</b>	<b>85</b>	<b>8.21 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>20.60</b>		<b>10.30</b>	<b>112.00</b>		<b>56.00</b>	<b>774.00</b>		<b>H</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>142.9</b>	<b>135</b>	<b>120</b>	<b>185</b>	<b>8.624</b>	<b>293.329</b>	<b>441.4285714</b>	<b>6.54</b>	<b>9.75</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	
<b>17</b>	<b>12</b>	<b>2</b>	<b>1</b>	<b>74</b>

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057NP0404C-50</b>	REVISION	<b>0</b>
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