

# TECO Westinghouse

ISSUED <b>October 23, 2008</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEHH8BCF</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>HB0754C-50</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>75</b>	<b>56.0</b>	<b>4</b>	<b>365TC</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. %						
<b>1470</b>	<b>93.6</b>	<b>94.5</b>	<b>95</b>	<b>95.4</b>	<b>89</b>	<b>88</b>	<b>83.5</b>	<b>15 KVAR</b>

### CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
AT	AT	AT	
380 VOLT	380 VOLT	380 VOLT	
<b>19.20</b>	<b>101.00</b>	<b>722.00</b>	<b>G</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>267.9</b>	<b>150</b>	<b>125</b>	<b>205</b>	<b>14.674</b>	<b>526.707</b>	<b>831.4285714</b>	<b>5.70</b>	<b>8.91</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>	

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057HB0754C</b>	REVISION <b>0</b>
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