

# TECO Westinghouse

ISSUED <b>September 15, 2006</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEUHXF</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>XV0504C-50</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>50</b>	<b>37.30</b>	<b>4</b>	<b>326TC</b>	<b>190/380</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		
	FULL LOAD		3/4 LOAD	1/2 LOAD	F. L.	3/4 LOAD	1/2 LOAD
	MIN. %	NOM. %	%	%	%	%	%
<b>1460</b>	<b>91.7</b>	<b>93</b>	<b>94</b>	<b>95</b>	<b>89.5</b>	<b>89.5</b>	<b>87</b>

### CURRENTS

NO LOAD		FULL LOAD		LOCKED ROTOR		NEMA KVA CODE LETTER
AT 190 VOLTS	AT 380 VOLTS	AT 190 VOLTS	AT 380 VOLTS	AT 190 VOLTS	AT 380 VOLTS	
<b>24.00</b>	<b>12.00</b>	<b>136.17</b>	<b>68.09</b>	<b>964.00</b>	<b>482.00</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>179.81</b>	<b>180</b>	<b>140</b>	<b>205</b>	<b>10.123</b>	<b>361.25</b>	<b>512.68</b>	<b>5.46</b>	<b>7.69</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>31057XV0504C-50</b>	REVISION <b>0</b>
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