

# 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>XV0156C-50</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>15</b>	<b>11.19</b>	<b>6</b>	<b>284TC</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>965</b>	<b>87.5</b>	<b>89.5</b>	<b>90.5</b>	<b>91.5</b>	<b>85</b>	<b>84</b>	<b>77.5</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>12.00</b>	<b>6.00</b>	<b>44.70</b>	<b>22.35</b>	<b>308.00</b>	<b>154.00</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>81.61</b>	<b>180</b>	<b>130</b>	<b>205</b>	<b>6.823</b>	<b>310.43</b>	<b>678.90</b>	<b>6.80</b>	<b>14.69</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>42</b>	<b>21</b>	<b>2</b>	<b>1</b>	<b>64</b>

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057XV0156C-50</b>	REVISION <b>0</b>
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