

# TECO Westinghouse

ISSUED <b>March 18, 2011</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEUH8NDC</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>EPV0024C-50</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>2</b>	<b>1.5</b>	<b>4</b>	<b>145TC</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			MAXIMUM POWER FACTOR CORRECTION
	FULL LOAD		3/4 LOAD	1/2 LOAD	F. L.	3/4 LOAD	1/2 LOAD	
	MIN. %	NOM. %						
<b>1420</b>	<b>81.5</b>	<b>84</b>	<b>85.5</b>	<b>86.5</b>	<b>85</b>	<b>79</b>	<b>67</b>	<b>1.15 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>2.88</b>		<b>1.44</b>	<b>6.34</b>		<b>3.17</b>	<b>68.00</b>		<b>34.00</b>	<b>M</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>7.395</b>	<b>210</b>	<b>165</b>	<b>265</b>	<b>0.108</b>	<b>17.4281</b>	<b>45.71428571</b>	<b>4.99</b>	<b>13.03</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	
<b>26</b>	<b>18</b>	<b>2</b>	<b>1</b>	<b>51</b>

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057EPV0024C-50</b>	REVISION	<b>0</b>
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