

# TECO Westinghouse

ISSUED <b>January 19, 2009</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEUH8BDC</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>HBV0016C-50</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>1</b>	<b>0.7</b>	<b>6</b>	<b>145TC</b>	<b>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>935</b>	<b>77.0</b>	<b>80.0</b>	<b>82.5</b>	<b>80.0</b>	<b>73.5</b>	<b>65.5</b>	<b>52.5</b>	<b>1 KVAR</b>

### CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
AT	AT	AT	
380	380	380	
VOLT	VOLT	VOLT	
<b>1.13</b>	<b>1.93</b>	<b>20.00</b>	<b>N</b>

### TORQUE

### INERTIA

### ACCEL TIME

FULL LOAD lb-ft	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR	NEMA	MAX	NEMA	MAX
				WR <sup>2</sup>	LOAD	ALLOWABLE	LOAD	ALLOWABLE
				lb-ft <sup>2</sup>	WK <sup>2</sup>	WK <sup>2</sup>	WK <sup>2</sup>	WK <sup>2</sup>
					lb-ft <sup>2</sup>	lb-ft <sup>2</sup>	Sec	Sec
<b>5.615</b>	<b>175</b>	<b>170</b>	<b>260</b>	<b>0.122</b>	<b>23.9315</b>	<b>112.8571429</b>	<b>6.34</b>	<b>29.80</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	
<b>60</b>	<b>42</b>	<b>2</b>	<b>1</b>	

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057HBV0016C-50</b>	REVISION <b>0</b>
-----------	------------------	-------------	-------------------------	-------------------