

# TECO Westinghouse

ISSUED <b>April 7, 2011</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEHHXU</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>XP0054-50</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>5</b>	<b>3.73</b>	<b>4</b>	<b>184T</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>1415</b>	<b>82.5</b>	<b>85.5</b>	<b>88</b>	<b>89.5</b>	<b>89</b>	<b>88.5</b>	<b>84.5</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>3.60</b>	<b>1.80</b>	<b>14.89</b>	<b>7.45</b>	<b>122.00</b>	<b>61.00</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>18.55</b>	<b>130</b>	<b>110</b>	<b>180</b>	<b>0.422</b>	<b>41.47</b>	<b>109.27</b>	<b>6.92</b>	<b>18.11</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT
<b>44</b>	<b>22</b>	<b>2</b>	<b>1</b>

APPROVED:

M. PRATER

DRAWING NO.

31057XP0054-50

REVISION **0**