

# TECO Westinghouse

ISSUED <b>April 7, 2011</b>	<b>PERFORMANCE DATA</b> <b>3-PHASE INDUCTION MOTOR</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEHHXU</b>		CATALOG# <b>XP1504-50</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>150</b>	<b>111.9</b>	<b>4</b>	<b>445T</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		
	FULL LOAD		3/4 LOAD	1/2 LOAD	F. L.	3/4 LOAD	1/2 LOAD
	MIN. %	NOM. %	%	%	%	%	%
<b>1480</b>	<b>93.6</b>	<b>94.6</b>	<b>94.1</b>	<b>93.2</b>	<b>84.8</b>	<b>82.8</b>	<b>76.8</b>

### CURRENTS

NO LOAD		FULL LOAD		LOCKED ROTOR		NEMA KVA CODE LETTER
AT 380 VOLTS		AT 380 VOLTS		AT 380 VOLTS		
<b>46.60</b>		<b>212.00</b>		<b>1085.00</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>532.00</b>	<b>104</b>	<b>94</b>	<b>168</b>	<b>51.5</b>	<b>998.00</b>	<b>1497.00</b>	<b>7.00</b>	<b>10.33</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	
<b>23</b>	<b>17</b>	<b>2</b>	<b>1</b>	<b>83</b>

APPROVED:

M. PRATER

DRAWING NO.

3A057XP1504-50

REVISION **0**