

# 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>XP7/54-50</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>7.5</b>	<b>5.60</b>	<b>4</b>	<b>213T</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>1430</b>	<b>85.5</b>	<b>87.5</b>	<b>89</b>	<b>90</b>	<b>86.5</b>	<b>83</b>	<b>75</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>7.00</b>	<b>3.50</b>	<b>22.46</b>	<b>11.23</b>	<b>168.00</b>	<b>84.00</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>27.54</b>	<b>175</b>	<b>145</b>	<b>205</b>	<b>0.731</b>	<b>60.83</b>	<b>127.51</b>	<b>5.85</b>	<b>12.18</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	
<b>30</b>	<b>15</b>	<b>2</b>	<b>1</b>	<b>60</b>

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057XP7/54-50</b>	REVISION	<b>0</b>
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