

# TECO Westinghouse

ISSUED <b>February 8, 2013</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>WPI</b>
TYPE <b>AMRCNH</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>VHP2504-50</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>250</b>	<b>186.5</b>	<b>4</b>	<b>445TP20</b>	<b>190/380</b>	<b>50</b>	<b>40°C</b>	<b>F</b>	<b>B</b>	<b>CONT.</b>	<b>1.0</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>1472</b>	<b>94.0</b>	<b>94.8</b>	<b>94.4</b>	<b>93.5</b>	<b>85.5</b>	<b>82.0</b>	<b>79.0</b>	<b>69.6 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	190 VOLT	380 VOLT	
<b>174.8</b>	<b>87.4</b>	<b>699.2</b>	<b>349.6</b>	<b>3650.0</b>	<b>1825.0</b>			<b>G</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>891.6</b>	<b>105</b>	<b>85</b>	<b>185</b>	<b>65.000</b>	<b>1590.0</b>	<b>2385.0</b>	<b>6.15</b>	<b>9.11</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

DOWNTHRUST L10:8800 HOURS

COLD	HOT	COLD	HOT		<b>13400</b>
<b>18</b>	<b>13</b>	<b>2</b>	<b>1</b>	<b>76</b>	

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057VHP2504-50</b>	REVISION <b>0</b>
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