

# TECO Westinghouse

ISSUED <b>11/1/2018</b>	<b>PERFORMANCE DATA</b> <b>3-PHASE INDUCTION MOTOR</b>	ENCLOSURE <b>WPI</b>
TYPE <b>AMRKNH</b>		CATALOG# <b>VHKP5006</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTS	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>500</b>	<b>373</b>	<b>6</b>	<b>5806</b>	<b>2300/4000</b>	<b>60</b>	<b>40°C</b>	<b>F</b>	<b>B</b>	<b>CONT.</b>	<b>1.15</b>

### TYPICAL PERFORMANCE

FULL LOAD RPM	EFFICIENCY				POWER FACTOR			MAXIMUM POWER FACTOR CORRECTION
	FULL LOAD		3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	
	MIN%	NOM%	%	%	%	%	%	
<b>1186</b>	<b>94.1</b>	<b>95.0</b>	<b>94.0</b>	<b>94.1</b>	<b>80.1</b>	<b>75.4</b>	<b>64.9</b>	<b>198.4 KVAR</b>

### CURRENTS

NO LOAD		FULL LOAD		LOCKED ROTOR		NEMA KVA CODE LETTER
AT	AT	AT	AT	AT	AT	
2300 VOLT	4000 VOLT	2300 VOLT	4000 VOLT	2300 VOLT	4000 VOLT	
<b>49.8</b>	<b>28.6</b>	<b>124.0</b>	<b>71.3</b>	<b>791.0</b>	<b>454.8</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>2210</b>	<b>80</b>	<b>70</b>	<b>200</b>	<b>261</b>	<b>5126</b>	<b>9227</b>	<b>6.5</b>	<b>11.5</b>

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
<b>14</b>	<b>11</b>	<b>2</b>	<b>1</b>	

APPROVED:	<b>K. Lo</b>	DRAWING NO.	<b>3A057VHKP5006</b>	REV.
-----------	--------------	-------------	----------------------	------