

# TECO Westinghouse

ISSUED <b>11/1/2018</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>WPI</b>
TYPE <b>AMRKNH</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>VHKP4504</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTS	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>450</b>	<b>336</b>	<b>4</b>	<b>5009</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>1782</b>	<b>94.1</b>	<b>95.0</b>	<b>94.7</b>	<b>93.5</b>	<b>87.1</b>	<b>84.3</b>	<b>83.2</b>	<b>116.3 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>29.2</b>	<b>16.8</b>	<b>104.0</b>	<b>59.8</b>	<b>712.0</b>	<b>409.4</b>	<b>G</b>

### TORQUE

### INERTIA

### ACCEL TIME

FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN	ROTOR WR <sup>2</sup>	NEMA LOAD WK <sup>2</sup>	MAX ALLOWABLE WK <sup>2</sup>	NEMA LOAD WK <sup>2</sup>	MAX ALLOWABLE WK <sup>2</sup>
lb-ft	%FLT	%FLT	%FLT	lb-ft <sup>2</sup>	lb-ft <sup>2</sup>	lb-ft <sup>2</sup>	Sec.	Sec.
<b>1320</b>	<b>100</b>	<b>90</b>	<b>200</b>	<b>124</b>	<b>1714</b>	<b>2742</b>	<b>5.4</b>	<b>8.4</b>

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
<b>12</b>	<b>9</b>	<b>2</b>	<b>1</b>	<b>85</b>

APPROVED:	<b>K. Lo</b>	DRAWING NO.	<b>3A057VHKP4504</b>	REV.
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