

# 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>VHKP8004</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTS	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>800</b>	<b>597</b>	<b>4</b>	<b>5810</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>1786</b>	<b>94.5</b>	<b>95.4</b>	<b>95.2</b>	<b>94.3</b>	<b>86.2</b>	<b>82.8</b>	<b>74.7</b>	<b>220.7 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>55.4</b>	<b>31.9</b>	<b>183.0</b>	<b>105.2</b>	<b>1266.0</b>	<b>728.0</b>	<b>G</b>

### TORQUE

### INERTIA

### ACCEL TIME

FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN	ROTOR	NEMA LOAD	MAX ALLOWABLE	NEMA LOAD	MAX ALLOWABLE
lb-ft	%FLT	%FLT	%FLT	WR <sup>2</sup> lb-ft <sup>2</sup>	WK <sup>2</sup> lb-ft <sup>2</sup>	WK <sup>2</sup> lb-ft <sup>2</sup>	WK <sup>2</sup> Sec.	WK <sup>2</sup> Sec.
<b>2350</b>	<b>100</b>	<b>90</b>	<b>200</b>	<b>305</b>	<b>2815</b>	<b>4504</b>	<b>5.1</b>	<b>7.9</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>3A057VHKP8004</b>	REV.
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