

# TECO Westinghouse

ISSUED <b>January 30, 2018</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AFHGTK</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>KF15004</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>1500</b>	<b>1120</b>	<b>4</b>	<b>6810B</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 %	F. L. %	3/4 LOAD	1/2 LOAD %	
	MIN. %	NOM. %						
<b>1789</b>	<b>96.7</b>	<b>96.8</b>	<b>96.7</b>	<b>96.2</b>	<b>84.0</b>	<b>81.8</b>	<b>74.7</b>	<b>382 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>108.6</b>	<b>62.4</b>	<b>356.0</b>	<b>205.0</b>	<b>2590.0</b>	<b>1489.0</b>	<b>H</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>4404</b>	<b>120</b>	<b>126</b>	<b>210</b>	<b>954</b>	<b>4712</b>	<b>5174</b>	<b>4.62</b>	<b>5.00</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD		HOT		85
23	17	2	1	
<b>23</b>	<b>17</b>	<b>2</b>	<b>1</b>	<b>85</b>

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057KF15004</b>	REV. <b>0</b>
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