

# TECO Westinghouse

ISSUED <b>May 1, 2012</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEHGK</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>KG6008</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>600</b>	<b>448</b>	<b>8</b>	<b>6808B</b>	<b>2300/4160</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>892</b>	<b>94.5</b>	<b>95.4</b>	<b>95</b>	<b>94.1</b>	<b>85</b>	<b>80.5</b>	<b>72</b>	<b>71 KVAR</b>

### CURRENTS

NO LOAD		FULL LOAD		LOCKED ROTOR		NEMA KVA CODE LETTER
AT	AT	AT	AT	AT	AT	
2300 VOLT	4160 VOLT	2300 VOLT	4160 VOLT	2300 VOLT	4160 VOLT	
<b>21.00</b>	<b>11.61</b>	<b>139.00</b>	<b>76.90</b>	<b>940.00</b>	<b>520.00</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>3531.00</b>	<b>110</b>	<b>100</b>	<b>230</b>	<b>947</b>	<b>12250</b>	<b>30625</b>	<b>6.43</b>	<b>15.38</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	80
<b>30</b>	<b>27</b>	<b>2</b>	<b>1</b>	

APPROVED:

**M. PRATER**

DRAWING NO.

**3A057KG6008**

REV. **1**