

# TECO Westinghouse

ISSUED <b>07/09/13</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEHH8B</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>HB1/58</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>1.5</b>	<b>1.1</b>	<b>6</b>	<b>184T</b>	<b>460</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>860</b>	<b>75.5</b>	<b>78.5</b>	<b>75.5</b>	<b>70</b>	<b>60.5</b>	<b>51.5</b>	<b>39.5</b>	<b>2 KVAR</b>

### CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
<b>2.48</b>	<b>3.01</b>	<b>20</b>	<b>M</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>9.158</b>	<b>185</b>	<b>130</b>	<b>250</b>	<b>0.275</b>	<b>45</b>	<b>144</b>	<b>6.79</b>	<b>21.63</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	51
<b>60</b>	<b>42</b>	<b>2</b>	<b>1</b>	

APPROVED:

M. PRATER

DRAWING NO.

31057HB1/58

REVISION **0**