

# TECO Westinghouse

ISSUED <b>November 18, 2013</b>	<b>PERFORMANCE DATA</b> <b>3-PHASE INDUCTION MOTOR</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEJH</b>		CATALOG# <b>JH15008</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>1119</b>	<b>8</b>	<b>560C</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. %						
890	95.2	96	95.8	94.5	84	82.5	75	385 KVAR

## CURRENTS

NO LOAD		FULL LOAD		LOCKED ROTOR		NEMA KVA CODE LETTER
AT 2300 VOLT	AT 4160 VOLT	AT 2300 VOLT	AT 4160 VOLT	AT 2300 VOLT	AT 4160 VOLT	
<b>96.20</b>	<b>53.50</b>	<b>349.00</b>	<b>193.00</b>	<b>2372.00</b>	<b>1312.00</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>8854.00</b>	<b>80</b>	<b>85</b>	<b>220</b>	<b>3439</b>	<b>27349</b>	<b>54698</b>	<b>6.55</b>	<b>12.37</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	82
<b>22</b>	<b>16</b>	<b>3</b>	<b>2</b>	

APPROVED:

**M. PRATER**

DRAWING NO.

**3A057JH15008**

REV. **1**