

# TECO Westinghouse

ISSUED <b>10/31/18</b>	<b>PERFORMANCE DATA</b> <b>3-PHASE INDUCTION MOTOR</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEEHED</b>		CATALOG# <b>VSTP8004</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	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>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>1788</b>	<b>95.4</b>	<b>96.2</b>	<b>96.1</b>	<b>95.7</b>	<b>86.0</b>	<b>81.0</b>	<b>71.0</b>	<b>179 KVAR</b>

CURRENTS			NEMA KVA CODE LETTER
NO LOAD	FULL LOAD	LOCKED ROTOR	
<b>224.6</b>	<b>904</b>	<b>6326</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>2350.4</b>	<b>120</b>	<b>120</b>	<b>200</b>	<b>385</b>	<b>2815</b>	<b>3660</b>	<b>5.04</b>	<b>6.38</b>

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
<b>21</b>	<b>16</b>	<b>2</b>	<b>1</b>	

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057VSTP8004</b>	REVISION	<b>01</b>
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