

# 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>VSTP5004</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>500</b>	<b>373</b>	<b>4</b>	<b>5808</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>84.0</b>	<b>79.0</b>	<b>69.0</b>	<b>128 KVAR</b>

### CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
<b>160.1</b>	<b>578</b>	<b>3625</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>1469</b>	<b>110</b>	<b>110</b>	<b>200</b>	<b>249</b>	<b>1880</b>	<b>2444</b>	<b>5.49</b>	<b>6.94</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	dB(A)
<b>24</b>	<b>18.9</b>	<b>2</b>	<b>1</b>	

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057VSTP5004</b>	REVISION	<b>01</b>
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