

# TECO Westinghouse

ISSUED <b>10/31/18</b>	<b>PERFORMANCE DATA</b> <b>3-PHASE INDUCTION MOTOR</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEEHNH</b>		CATALOG# <b>VHTP6004</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>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>84.0</b>	<b>79.0</b>	<b>69.0</b>	<b>143 KVAR</b>

CURRENTS			NEMA KVA CODE LETTER
NO LOAD	FULL LOAD	LOCKED ROTOR	
<b>180.1</b>	<b>694</b>	<b>4744</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>1762.8</b>	<b>120</b>	<b>120</b>	<b>210</b>	<b>291</b>	<b>2202</b>	<b>2863</b>	<b>5.08</b>	<b>6.42</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>31057VHTP6004</b>	REVISION <b>1</b>
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