

# TECO Westinghouse

ISSUED <b>01/07/09</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>WP1</b>
TYPE <b>AMRCYC</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>VH1254</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>125</b>	<b>90</b>	<b>4</b>	<b>405TP</b>	<b>230/460</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 %	
	NOM. %	MIN. %						
<b>1775</b>	<b>94.5</b>	<b>93.6</b>	<b>94.1</b>	<b>94.1</b>	<b>87.5</b>	<b>85.0</b>	<b>78.0</b>	<b>20.19 KVAR</b>

CURRENTS			NEMA KVA CODE LETTER
NO LOAD	FULL LOAD	LOCKED ROTOR	
<b>88.0/44.0</b>	<b>283/142</b>	<b>1815/908</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>369.73</b>	<b>180</b>	<b>150</b>	<b>210</b>	<b>24.059</b>	<b>542</b>	<b>1626</b>	<b>4.85</b>	<b>14.16</b>

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
<b>17</b>	<b>12</b>	<b>2</b>	<b>1</b>	

APPROVED:	<b>D. BRIGGS II</b>	DRAWING NO.	<b>31057VH1254</b>	REVISION <b>0</b>
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