

# TECO Westinghouse

ISSUED <b>01/14/09</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>WP1</b>
TYPE <b>AMRCYC</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>VH1504</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>150</b>	<b>110</b>	<b>4</b>	<b>444TP</b>	<b>460</b>	<b>60</b>	<b>40</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>1776</b>	<b>94.1</b>	<b>95.0</b>	<b>94.5</b>	<b>93.6</b>	<b>86.0</b>	<b>83.0</b>	<b>78.5</b>	<b>25 KVAR</b>

### CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
<b>37.9</b>	<b>172</b>	<b>1085</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>442</b>	<b>135</b>	<b>114</b>	<b>210</b>	<b>46</b>	<b>640</b>	<b>1280</b>	<b>5.37</b>	<b>10.38</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	
<b>18</b>	<b>14</b>	<b>2</b>	<b>1</b>	<b>85</b>

APPROVED:

**D. BRIGGS II**

DRAWING NO.

**31057VH1504**

REVISION **0**