



# TECO Westinghouse

ISSUED <b>January 15, 2015</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>WP1</b>
TYPE <b>AMRCNH</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>VHP0754</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>75</b>	<b>56.0</b>	<b>4</b>	<b>365TP</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 %	
	MIN. %	NOM. %						
<b>1780</b>	<b>94.1</b>	<b>95.0</b>	<b>95.0</b>	<b>95.0</b>	<b>86.0</b>	<b>84.0</b>	<b>77.0</b>	<b>20.2 KVAR</b>

### CURRENTS

NO LOAD			FULL LOAD				LOCKED ROTOR		NEMA KVA CODE LETTER
AT 230 VOLT		AT 460 VOLT	AT 230 VOLT	AT 460 VOLT		AT 230 VOLT	AT 460 VOLT		
<b>50.60</b>		<b>25.30</b>	<b>171.9</b>	<b>86.0</b>		<b>1085.0</b>	<b>542.5</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>221.21</b>	<b>180</b>	<b>155</b>	<b>225</b>	<b>11.74</b>	<b>338</b>	<b>420</b>	<b>4.83</b>	<b>5.96</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

DOWNTHRUST L10:8800 HOURS

COLD  
**17**

HOT  
**12**

COLD  
**2**

HOT  
**1**

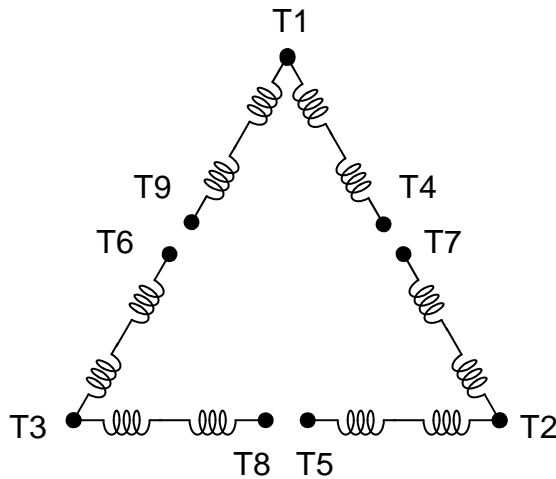
**72.4**

**6000**

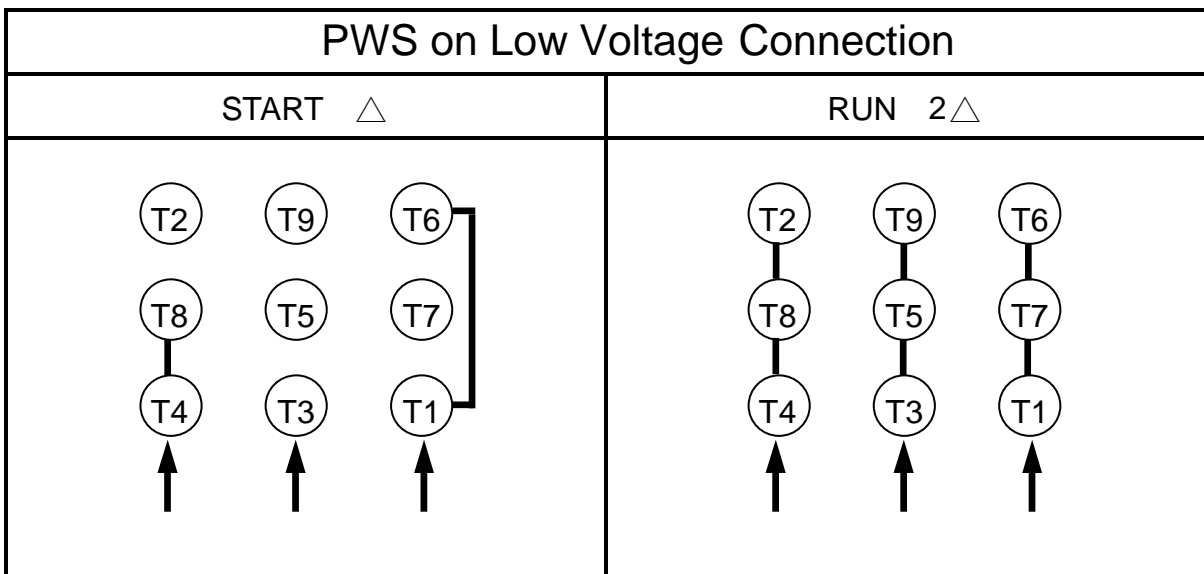
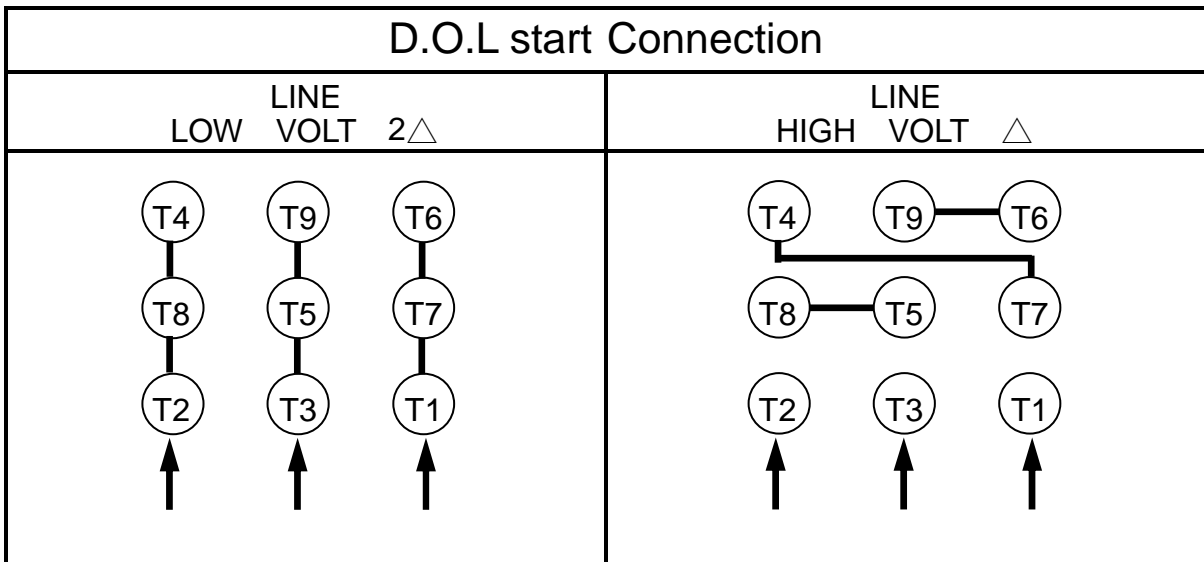
APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057VHP0754</b>	REVISION <b>0</b>
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DATE :  
May.04.2009

4P 2 $\Delta$ / $\Delta$  9 leads  
For D.O.L start or PWS on Low Voltage



**SCHEMATIC – 2 $\Delta$ / $\Delta$  CONNECTION**



APPD.	M.C.Tsai	May,05,'09
CHKD.	C.L.Huang	May,05,'09
DWN.	J.C.Lan	May,04,'09

**TECO Electric & Machinery Co., Ltd.**

DWG NO :  
DAC-1703