



Cloud Inc.

Waukesha C-218 Cent pump Package

PEI Job # 42740 2019 Qty. 2

PROCESS ENGINEERS

Programming parameters for Vacon X4C40150C Ser.#034402H299, 037502H299

When installed to control

Wauk. centrifugal pump Md# C-218, Ser#1000003731687, 1000003732032
with Baldor motor.

Cat.#CEM3713T, Spec.#37G814R228G1, Serial #F1905085559, F1905235510

15 HP, 1.15 SF motor, 3500 rpm, 17.0 Full-Load amps @ 460 VAC/3-Phase

Features: NONE

Parameter	Data Code	Description
201	Local only	Local = Local Keypad operation only Remote = N/A
202	FWD	Forward direction only enabled
203	Coast	Keypad Stop Key = Coast to Stop
204	Vin1	Remote speed refernce is Vin1 input
206	1%	Speed input offset is 1.00%
207	100%	Vin1 span is 100%
301	0 Hz	Minimum Frequency is 0.0Hz = 0 rpm
302	60 HZ	Maximum Frequency = 60Hz = 3500 rpm @ pump shaft
402	10.0 sec	Acceleration Ramp Time = 10 seconds
403	5.0 sec	Deceleration Ramp Time = 5.0 seconds
501	Linear Auto	V/Hz is Linear with Auto Voltage Boost
503	60HZ	V/HZ Knee frequency
509	460	Rated Motor Voltage is 460 Volts
510	17	Set FLA to 17.0 Amps = (100% of actual FLA@ 460 VAC/3ph)
511	3500	Motor rated RPM = 3500 rpm

516	Yes	Slip Compensation is enabled
600	Fixed Lvl	Current Limit select is "Fixed Levels"
601	99.00%	Current Limit (Forward)= $0.99 * 17.0 \text{ Amp} = 16.83 = 99\%$ of FLA
801	2	Stores Custom Parameters into non-volatile memory
	3	Recalls Custom Parameters from non-volatile memory
802	LS Lockout	Line-Start is locked out
		Push "stop" key repeatedly to clear lock-out
804	RPM units	Custom speed display is set to RPM
805	RPM 0	Display Units are RPM, no decimal
809	3500	Display is scaled to read 3500 RPM at 60Hz output
811	666	Security Code is "666"