

**Cloud Inc.**

Waukesha C-218 Cent pump Package

PROCESS ENGINEERS

PEI Job # 42740

2019

Qty. 1

Programming parameters for Vacon X4C40200C Ser.#030002H229 when installed to control
Wauk. centrifugal pump Md# C-218, Ser#1000003732034 with Baldor motor
Cat.#CEM4106T, Spec.#09C102Z601G1, Serial #Z1905161092
20 HP, 1.15 SF motor, 3520 rpm, 23.0 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	23	Set FLA to 23.0 Amps = (100% of actual FLA@ 460 VAC/3ph)
511	3520	Motor rated RPM = 3520 rpm
516	Yes	Slip Compensation is enabled

600	Fixed Lvl	Current Limit select is "Fixed Levels"
601	99.00%	Current Limit (Forward)= $0.99 * 23.0 \text{ Amps} = 22.77 = 99\%$ 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	3520	Display is scaled to read 3520 RPM at 60Hz output
811	666	Security Code is "666"