

Godwin Variable Frequency Drive

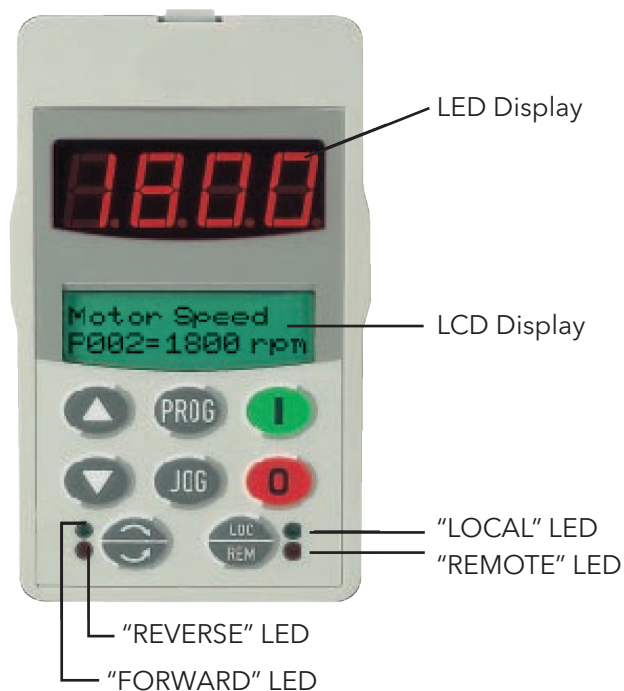
Godwin variable frequency drives are designed to meet the demanding needs of the dewatering market. Available as either rental or sale units, our state-of-the-art variable frequency drive can automatically vary speed to maintain a process variable such as level or pressure. The panel mounted human machine interface (HMI) provides instant process feedback as well as local programming and control. Our VFD's are housed in a NEMA 3R steel enclosure featuring thermostatically controlled ventilation fans and a steel roll cage with lifting bail for stability and protection.

Features

- Microprocessor based "VFD" motor starter, capable of variable speed control
- Input Line Reactor
- Circuit Breaker w/thru-door disconnect
- Analog Input Isolators, with dedicated power supply, for PID
- Thermostat-controlled space heater and ventilation fan
- Fans and exhausts filtered, and covered with matching protective hoods.
- Local-Off-Remote selector switch
- Start and Stop pushbuttons for Local mode
- Potentiometer for setting speed in Local mode
- Drive Running and Drive Fault status lights
- Analog input, 4-20 mA, for PID mode
- Start and Stop inputs for Remote mode
- Dry contacts for monitoring: local mode selected, remote mode selected, Drive Ready, Drive Running, Drive Faulted
- Includes Steel Skid with Lifting Bracket



Keypad



Keypad Options

Intelligent Keypad:

Intelligent operator interface with double display, LED (7 segment) and LCD (2 lines with 16 characters), providing optimum distant viewing along with a detailed description of all parameters and messages.

Selectable Language:

The language of the LCD display messages can be selected by the operator. English, Spanish and Portuguese are available.

Options for Advanced Control Panels

Networkable System:

Link VFDs with other drives and equipment like flowmeters, transducers and diesel pump sets with optional Advanced Control System. View and control an entire system with one central touchscreen.

Remote Access:

Link VFD to web based monitoring page with optional Advanced Control Panel. View the drive status and adjust settings from a remote location with the click of a button.

Specifications

Power		Current	Overall Dimension*		Weight**	
HP	kW	Amps	in x in x in	m x m x m	lb	kg
20	15	30	26 x 45 x 59	0.7 x 1.1 x 1.5	1,000	455
30	22	45	22 x 49 x 66	0.6 x 1.2 x 1.7	1,000	455
50	37	70	30 x 45 x 80	0.8 x 1.1 x 2.0	1,000	455
75	56	105	26 x 55 x 88	0.7 x 1.4 x 2.2	1,100	500
100	75	142	26 x 55 x 88	0.7 x 1.4 x 2.2	1,100	500
150	112	180	26 x 55 x 88	0.7 x 1.4 x 2.2	1,100	500
200	149	240	47 x 53 x 102	1.2 x 1.3 x 2.6	1,840	836
300	224	361	47 x 53 x 102	1.2 x 1.3 x 2.6	2,680	1,218
400	298	515	47 x 53 x 102	1.2 x 1.3 x 2.6	2,660	1,209

*Dimensions with Roll Cage (D x W x L)

**Includes weight of Roll Cage



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Godwin VFD 11.18.14