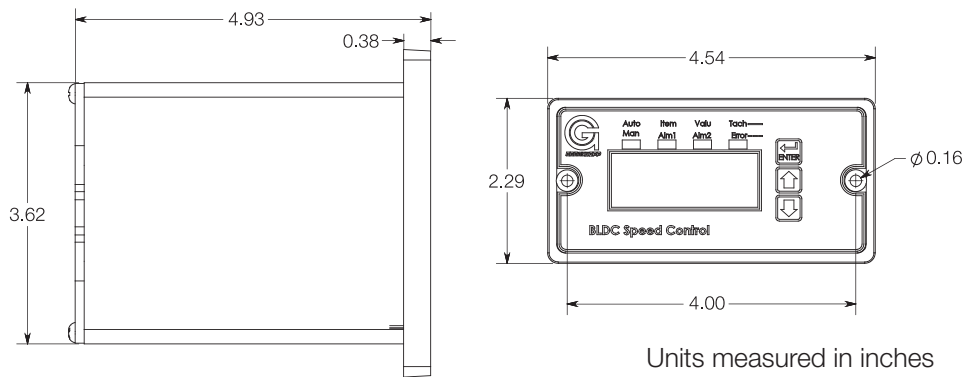


# BRUSHLESS DC MOTOR CONTROL

GROSCHOPP MODEL NUMBER: DB2110D-2

# 750-30-0006

Brushless DC motor control technology is ideal if you're looking for quiet motor operation, long life expectancy for both drive and motor, and high efficiency operation with low power loss. This proven design is the first choice for tougher applications. This control is compact and programmable, making it easy to operate. You can set your desired RPM rate by pressing the "up" and "down" buttons on the front panel. These settings will be exact, you can repeat them, and it will accurately control within 1/2 RPM of the desired speed. All wiring connects directly to a rugged screw type terminal strip through the rear panel. This DC brushless speed control has a digital closed loop and LED display for BLDC motors rated up to 400 watts.



Units measured in inches



## POWER

Supply Voltage (V) – 12-48 VDC

Motor Voltage (V) – 12-48 VDC

Continuous Current (A) – 8.0

Peak Current (A) – 12.0

## SPEED CONTROL

Closed Loop – Yes

Speed Potentiometer – No

DC Signal – No

Digital Control – Yes

Microprocessor-based design

Digital closed-loop accuracy to  $\pm 0.5$  RPM

Non-volatile memory stores

Factory or field programmable via front panel

Configure min/max speed

Features: acceleration, deceleration, brake, inhibit

Transient voltage protection

Jumper selection of drive output voltage

Forward/reverse control

Self-contained power supply for motor halls

Large 4-digit 0.5 in. LED display

Configurable alarms/status and alarm indicators

Program-enable jumper

Length: 4.63 in.

Width: 3.62 in.

Height: 1.66 in.

Enclosure Type: NEMA 4X