

SGWD Family Slide Gate

Commercial and Industrial Applications

The **SGWD** family are energy efficient high speed, high cycle slide gate operators designed to move a gate weight up to 8,500 lbs. for up to 4,000 cycles/day at gate speeds up to 38 inches/second. There is no practical limit on the length of the slide gate. The powder coated 11 gauge sturdy steel case with lockable door provides security and all weather reliability, as well as smooth, exceptionally quiet, and secure operation.

The GDI GearMotor in this operator is sealed and requires no maintenance. These powerful and fast drives are designed to operate in all weather conditions.

Applications

Industrial, Commercial, Institutional, Government facilities, High end secure residential gates.

Features and benefits

- Electronically set gate open and close limits - No mechanical switches
- Open/Close direction can be set on site
- On site speed adjustment capability
- No maintenance GearMotors – Sealed stainless steel bearings, no belts, no limit switches to maintain
- One operator handles all AC voltage applications (115, 208, 230, 460, 575)
- Smooth and controlled reversing of direction - Reduces mechanical stress on gate components
- Soft start/stop - Reduces mechanical stress on slide gate components
- Battery backup capability – Provides for operation even if AC power is lost or a brownout condition occurs
- Electronically set door open and close limits - No mechanical switches
- UL325 certified (optional)
- UL/ULC listed



Double lock
maintenance access door



Chain drive housing

SGWD - Specifications

Model SGWD-	Variable speed range (inches/sec)	Max. gate weight (lbs)	Cycles per day	Slide gate length (ft)
SL	5 - 38	1,200	4,000	No limit
SB	5 - 36	2,500	2,500	No limit
SM	5 - 30	4,200	4,200	No limit
SH	3 - 17	8,500	1,800	No limit

Note: Base configuration includes brake with manual release

Add-on features

Can be ordered any time for field upgrade

- Battery backup is provided by three 4AH (36VDC) sealed batteries with Intelligent, internal battery charger

Available with operator order only

- Thermostatically controlled, built in Heater/Fan for temperature conditioning and air circulation
- UL-325 compliant with NEMA 4 photo-eye
- Opto-Block™

Power

- Brushless, DC, high reliability, high efficiency and low maintenance motor
- Each operator can be connected to any of the following AC voltages; 115, 208, 230, 460, 575VAC single/three phase, 50/60Hz – One operator for all voltages
- Battery power (Add on Feature)
- 24 VDC 1.5 Amp for external devices
- 24 VAC 1 Amp for external devices

GDI reserves the right to modify the contents without prior notification.

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