



## SG/MG SERIES UL LISTED MOTOR OPERATORS

Lawrence motor operators have a low profile design which means that no additional clearance above the top of the door coil is normally required.

### FEATURES INCLUDE:

- 1/3 HP to 5HP models available
- Multiple voltage options available (115V-1PH, 230V-1PH, 208V/230V-3PH, 460V-3PH, 575V-3PH and voltages in 50Hz)
- UL325-2010 Compliant
- Environmental modifications available (Explosion Proof, Corrosion Resistant, Water, Oil and Dust Tight, Car Wash)

### COMMON APPLICATIONS:

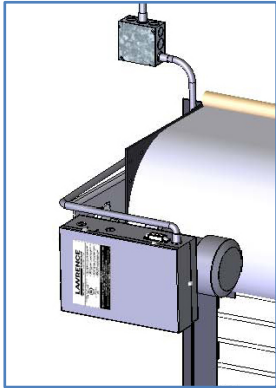
- Parking Structures
- Retail Storefronts
- Car Wash Facilities
- Warehouses
- Government/Military



**LAWRENCE**  
DOORS

SCAN  
FOR MORE  
INFORMATION





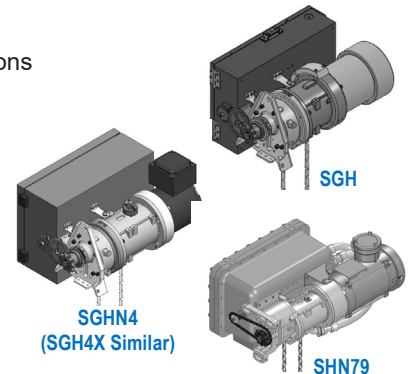
Lawrence motor operators... very compact, very efficient. Their “low profile” design means that no additional clearance above the top of the door coil is normally required. High-efficiency inline gear reducers provide capacities generally exceeding those of comparable right-angle gear reduced or belt driven operators with the same horsepower ratings. SG Series operators meet the highest demands of even the largest size doors and high frequency usage applications, and are available with a variety of control and environmental modifications. MG Series operators combine the durability of a gear driven design with the economy of belt driven units for many doors in normal usage applications, and also offer a choice of options.

**Standard Features**

- c-UL-us Listed (UL325-2010 Compliant)
- High efficiency in-line gear reducer
- Low profile design with horizontal front of coil mounting
- Average operating speed of 6” to 8” per second
- Solid-state control board
- On-board open-close-stop buttons
- On-board non-resettable cycle counter
- On-board reclose timer (option on MG Series)
- Provisions for connection of monitored & non-monitored sensing devices (multiple monitored sensing devices optional)
- Selectable constant or momentary pressure open & close
- External radio control receiver connections
- 24 volt control circuit
- Overload protection
- Solenoid actuated brake
- Adjustable linear driven limit switches
- 3-button open-close-stop wall mount control station
- NEMA 1 enclosures (environmental modifications optional)

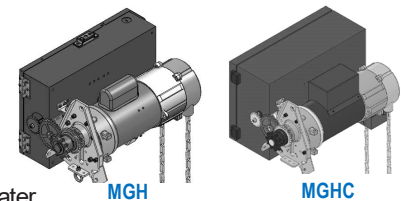
**Model SGH – Motor Operator with Auxiliary Hoist**

- For all service doors and grilles in standard cycle usage or high cycle usage applications
- Continuous duty TEFC motor
- Delay on reverse function (*requires door be provided with a monitored sensing device*)
- Interlocked chain hoist for emergency operation
- 1/2, 3/4<sup>#</sup>, 1, and 1 1/2 HP – 115v-1ph, 230v-1ph, 208/230v-3ph, 460v-3ph, 575v-3ph
- 2, 3 and 5 HP – 208/230v-3ph, 460v-3ph, 575v-3ph (<sup>#</sup>3/4 HP on N4, NX & N79 units only)
- **NOTE:** Consult factory for availability of larger HP, other voltages and 50 Hz power source
- Optional environmental modifications for NEMA 4 (SGHN4 - water, oil and dust tight), NEMA 4X (SGHNX - corrosion resistant and water, oil, dust tight), and NEMA 7/9 (SHN79 “explosion proof” - Class I, Div. 1, Groups C & D / Class II, Div. 1, Groups E, F & G)



**Model MGH – Motor Operator with Auxiliary Hoist**

- For service doors and grilles in standard cycle usage applications
- TENV motor
- Interlocked chain hoist for emergency operation
- Interlocked lever release for emergency push-up operation or connection to optional emergency egress device
- 1/2 HP – 115v-1ph, 208/230v-3ph, 460v-3ph
- Optional carwash modification (MGHC) for applications with indirect exposure to splashing water



**Model MGRL – Motor Operator with Internal Lock Sensor**

- For smaller service doors, grilles, closures and counter doors with locking devices in standard cycle usage applications
- TENV motor
- Internal lock sensor to stop opening of door/grille upon sensing that locks are engaged
- Interlocked lever release for emergency push-up operation or connection to optional emergency egress device
- Optional interlocked chain hoist for emergency operation
- 1/3 HP – 115v-1ph

