

SWGO-1000 ELECTRO-HYDRAULIC SWING GATE OPERATOR



SWGO-1000 Electro-Hydraulic Swing Gate Operator



General Description

- Optima SWGO-1000 electro-hydraulic swing gate operators are designed for high traffic, commercial and industrial applications.
- SWGO-1000 operator is suitable for doors which weigh up to 1000 kg.
- The operator is completely heavy duty.
- Cabinet is manufactured from 2 mm thick sheet metal, galvanized, electrostatically epoxy powder coated.
- Control electronics is microprocessor PLC controlled.
- Every kind of radio control receiver cards, safety photocell, open/close buttons, loop detectors, flashing light etc. can be integrated to the system easily.
- Any kind of card readers, biometric readers, radio control, key switches etc can be used to start or stop the electro-hydraulic swing gate operator, with the help of PLC (Programmable Logical Control) controls.
- Closing the swing gate can be utilized by automatic time delay facility, as well as inputs from other sources.
- Time delay can be adjusted between any time interval by PLC.
- By integrating frequency controller to the control electronics movement control of the gate can be achieved. For example, slow start for an adjustable period, fast linear motion for another adjustable period and finally again an adjustable slow stop can be achieved. This facility allows the user to adjust the gate speed according to the requirements without losing torque.

STANDARD FEATURES OF SWGO-1000

- Type: Heavy duty
- Control: PLC with software
- 220/380VAC, 50-60 Hz
- Maximum Lead Weight 1000 kg
- Test Pressure 300 Bar
- Double action 30/50 diameters hydraulic cylinder with cushion system
- Manual hand pump is standard in SWGO 1000 therefore in case of power failure
- 6 sec adjustable opening/closing time.
- Environmental conditions: -15°C, +75°C, %95 humidity non-condensing
- Cycle: Continuous 24 hours
- Protection: IP55 ,
- Mounting: By separate galvanized anchoring plate
- Auto close: Adjustable time period

ACCESSORIES

1. Safety Photocell.
2. Stand for Safety Photocell
3. Dekstop Keyboard with emergency stop is standart, push buttons operator console
4. Frequency Controller

