

PowerMaster



MADE IN THE U.S.A.

Model MSW 2000 SWING GATE OPERATOR

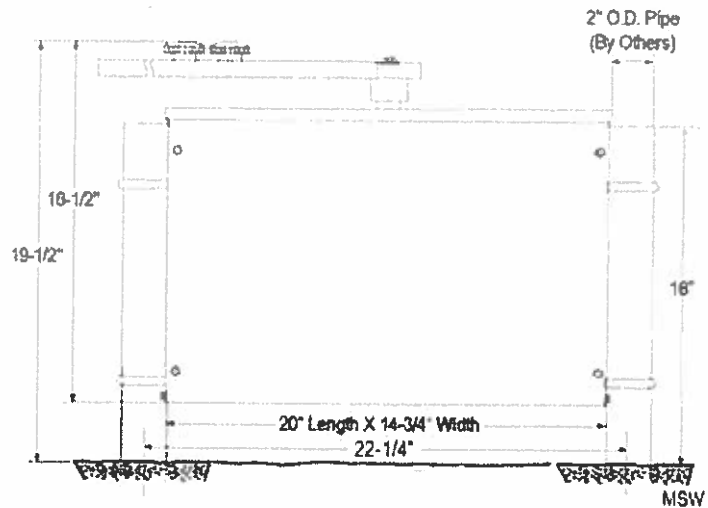


ELECTRICAL FEATURES

- Solid state P.C. board with Custom Programmed Micro Processor for state of the art control.
- External control input terminal connections for:
 - Radio Receiver
 - Push Button Control Station
 - Key Switches
 - Loop Detectors
 - Card Key Readers
 - Telephone Entry Systems, Etc.
- Timer to close with 0-60 sec. adjustment standard. Longer timer available upon request.
- Maximum run timer for equipment protection (self adjusting).
- Master/Slave option with dedicated terminal connection provided.
- Easy Left/Right changeover.
- Time delay on reverse to insure smooth gate motion and less stress on equipment.
- Spike suppressing circuitry for surge and lightning protection.
- Electrical dynamic brake for precise gate positioning.
- Integral current sensing anti-entrapment circuitry with independent opening and closing sensitivity adjustment.
- External anti-entrapment circuitry with separate terminal connections for easy installation of contact and non-contact sensors.
- 1/2 HP., 115 Volt AC, 5.5 Amp., 1 phase, instant reversing, switchless, PSC motor, with thermal overload protection for smooth, quiet operation.
- Internal On/Off power switch.
- NEMA 1 three-button control station included.

TECHNICAL SPECIFICATIONS

- Power requirements: 115 Volts, 1 phase.
- Class 2 low voltage control circuit.
- Available horse power: 1/2 HP.
- Maximum gate weight: 800 LBS.
- Maximum cycles per hour: 24 CPH.
- Maximum gate width: 16 feet.
- Gate speed: 12 seconds from open to close.
- UL 325 Listed for use in Class I through IV application.
- Shipping weight: approx. 103 LBS.



MECHANICAL FEATURES

- Heavy duty #13 Ga. galvanized steel frame providing a strong and durable unit.
- Hard shell baked-on weather resistant powder coating with an attractive textured finish for years of aesthetic protection from the elements.
- Industrial V-belt primary reduction for smooth quiet operation.
- Heavy duty 30:1 oil bath type gear reducer for long service and dependable operation.
- #41 Sprocket and roller chain arrangement for final drive reduction.
- Oil impregnated brass bearings supporting output drive shaft for dependable service with low maintenance.
- Drive arm easily disconnected for manual operation in case of a power failure.
- Easy adjustable limit switch cams for precision gate positioning.
- Soft start and stop at open and close limits of travel due to the inherent geometry of the articulating drive arm linkage.
- Post or pad mountable for easy installation.

OPTIONAL EQUIPMENT

- Radio Control.
- Safety Edge (contact safety sensor).
- Photo Cell (non-contact safety sensor).
- Loop Detector.
- Card Key Reader.
- Gear Box Heater (for cold climates).
- Interior and Exterior Control Stations:
 - Push Buttons
 - Push Button with Keyed Lockout
 - Key Switches
- Three Second Advance Audio Warning Signal Available upon request.

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