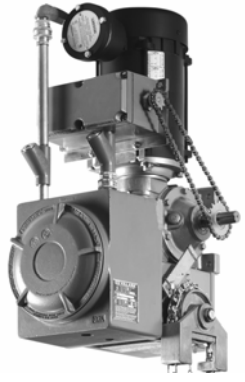




# Model "EMG" Hazardous Duty Gear Reduced Hoist Operator



PowerMaster Model "EMG" operators are designed for use on Sectional Doors with High Lift or Vertical Lift and Rolling Service Doors and Grilles in NEMA 7&9 Hazardous Locations.

**STANDARD 2 YEAR WARRANTY.**



**Architectural Specifications:**

**Access Alliance Photo Beams**



Economical  
Protect Openings Up to 18' Wide  
Auto-Detected & Monitored by  
PowerMaster Solid State Circuit

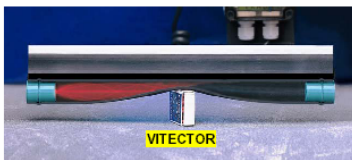
**PowerMaster Modular Receiver**



Easy Installation –  
Plugs into Control Board  
Standard Three Channel - Open/Close/Stop  
Single Button Control Available  
FC Antenna

Complete Selection of Commercial Transmitters Available

**OSE OPTICAL SENSING EDGE**



Auto-Detected & Monitored by  
PowerMaster Solid State Circuit  
Functions when astragal  
is bent or has slight damage  
Sized to Door in the field  
Quick Installation  
Infrared Technology

VITECTOR



All types of Access Controls available. Call for pricing.

Supply PowerMaster model "EMG" Industrial Duty Hoist type operator rated \_\_\_\_\_HP, \_\_\_\_\_VOLTS, \_\_\_\_\_PHASE, for use on Sectional Doors with High Lift or Vertical Lift and Rolling Service Doors and Grilles in NEMA 7&9 Hazardous Locations.

Primary speed reduction shall be by means of an industrial gear box with bronze worm gear in an oil bath. Motor shall be of the high starting torque, continuous duty industrial type, protected from overload by a current sensing or thermal type overload device. Motor controller shall be a heavy duty, full voltage, across the line, magnetic reversing contactor, that is mechanically and electrically interlocked. Electrical components shall be installed in a NEMA 7&9 enclosure integral to the operator. A transformer shall be provided to reduce control voltage to 24 VAC. Separate terminal strips shall be provided for connection of power supply line and all control devices. Operator shall be wired for an open/close/stop control station.

Control circuit shall provide instant reverse motor wiring on 1Ø operators. Positive chain driven, rotary type limit switches shall be provided to limit full open and close travel of door. Limit switch adjustment shall not be affected by removal of motor or by manual operation of door. A floor level manual hoist chain shall be provided for emergency operation of door. An electrical interlock switch shall be provided to disable control circuit while manual hoist chain is engaged. Final drive chain shall be a #50 or larger roller chain. Operator shall be capable of right or left hand mounting in either a vertical or horizontal position.

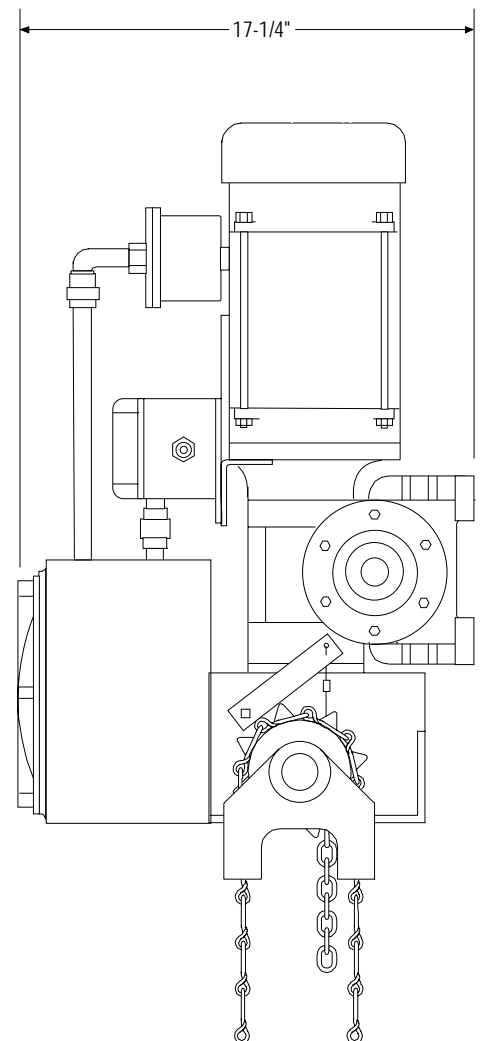
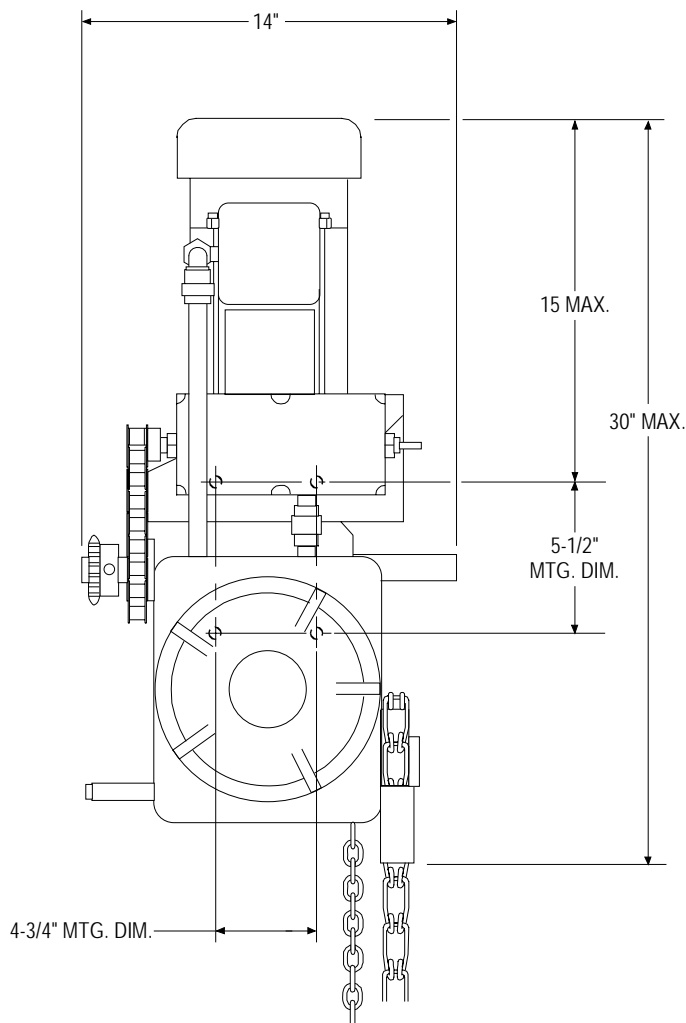
**PowerMaster Garage Door Openers  
Proudly Assembled in the USA**

**Electrical Specifications:**

- High Starting Torque Explosion proof Motor with Full Overload Protection
- Heavy Duty, Full voltage Reversing Contactor
- 3 Button NEMA 7/9 Control Station Included
- 24 VAC Control Circuit pre-wired for 3 Button Station, 1 Button Station, and intrinsically safe Automatic Reversing Equipment, and All Types of Access Control Equipment

**Mechanical Specifications:**

- For Use in Hazardous Locations on Sectional Doors and Rolling Service Doors and Grilles
- Mechanically Self Locking Gear Reducer (Oil Bath Type)
- Dynamic Brake
- Heavy Duty Corrosion Resistant #50 Roller Chain and drive sprocket Included
- Floor Level Disconnect w/Chain Hoist Assembly & Electrical Interlock (For Manual Operation)
- Baked on Grey Powder Coat finish



**AUTHORIZED DISTRIBUTOR:**