

powermaster

COMMERCIAL DOOR AND GATE OPERATORS SINCE 1969

Model MGJ

Medium Duty Gear Reduced Jackshaft Operator

PowerMaster Model MGJ operators are designed for use on rolling service doors, rolling grilles, and counter shutters.

STANDARD 2 YEAR WARRANTY



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

Custom control stations are assembled in our Brentwood NY facility.

PowerMaster model MGJ Medium Duty Gear reduced jackshaft type operator is rated 1/2 HP, 115 VOLTS, 1 PHASE, for use on Rolling Service Doors, Rolling Grilles, and counter shutters that will be operated up to 10 cycles per hour.

Primary speed reduction is by means of an industrial gear box with bronze worm gear in oil bath.

Motor is permanent split capacitor (PSC), protected from overload by a current sensing and thermal overload device. All components of the control system are UL recognized. Controlled by a solid state control board with instant reverse wiring. Transformer included to reduce control voltage to 24VAC. Positive chain driven, rotary type limit switches are provided to limit full open and close travel of door. Limit switch adjustment is unaffected by removal of motor or manual operation of door. Terminal strips are provided for connection of power supply line and all control devices. Operator is wired for connection of a push button station, radio control, and obstruction sensing devices without additional modifications. Electrical components are installed in a NEMA 1 enclosure integral to the operator. A floor level disconnect is provided for manual operation of the door. Final drive chain is #41 roller chain.

Operator is available in right-hand or left-hand mountings, in either vertical or horizontal position.

Proudly Assembled in the USA

MGJ Specifications

Electrical Specifications

- ◆ PSC motor with full overload protection
- ◆ Solid State circuitry with power and program feedback LEDs
- ◆ On-board Open/Close/Stop buttons for service and adjustments
- ◆ Terminals labeled and grouped by function
- ◆ Auto-detect monitored photo beam for simplified installation
- ◆ Selectable operating modes B2, C2, D1, E2, T, Ts
- ◆ Field- adjustable functions include timer to close, mid-stop, delay on reverse, lockbar sensing, and maximum run time.

Mechanical Specifications

- ◆ For use on Rolling Service doors, rolling grilles, and counter shutters
- ◆ Worm gear reduction
- ◆ #41 roller chain
- ◆ Floor level disconnect
- ◆ Positive chain driven rotary limit switches
- ◆ Baked on Grey powder coat finish
- ◆ Low profile, compact unit
- ◆ Shipping weight: approx 40 lbs