

JHMG-VC

Horizontal and Jackshaft

Heavy Duty Industrial Door Operator

The **JHMG-VC** is your operator for Horizontal Door applications as well as for Vertical Doors (spring or counterweight or completely unbalanced) and Rolling Steel Doors. The compact GearMotor provides high speed, high cycle and energy efficient service. With dimensions of 4.3" x 4.3" x 11" and weighing only 18 lbs, the operator delivers rated service for up to 10,000 open and close cycles/day.

The JHMG-VC GearMotors are sealed and require no maintenance. They are built into an aluminum body which can withstand corrosive and toxic environments. These powerful drives are designed to operate in all weather conditions.

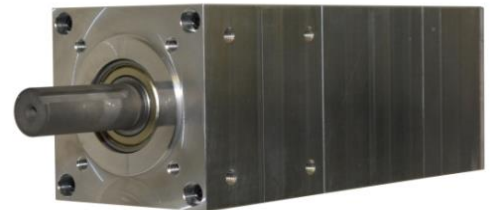
The standard control panel is a NEMA 4, 4X, 16" x 14" x 8" composite case with open/close button and power indicator light. NEMA 1, 12,13 panel is available.

Applications

High and Medium speed Horizontal Doors,
Vertical Doors for Car wash, Parking garages, Cold storage,
Pharmaceutical, Agricultural, Food facility, Rolling steel door,
High speed fabric, Vinyl rollup.

Features and benefits

- Compact and light weight - Fast installation
- On site speed adjustment capability
- Fast open and close door speeds independently set – Smooth and quiet operation, savings on heating and cooling
- Open/Close direction can be set on site
- No maintenance GearMotor – Sealed stainless steel bearings, no belts, no limit switches or hydraulic cylinders to maintain
- One operator handles all AC voltage applications (115, 208, 230, 460, 575)
- Soft start/stop - Reduces mechanical stress on door components, ultra quiet operation
- Battery backup capability – Provides for operation even if AC power is lost or a brownout condition occurs
- Electronically set door open and close limits - No mechanical switches
- PositionTrak™ tracks and remembers door position with or without power – No recalibration once installed
- UL325 compliant (Optional)
- UL/ULC listed



GearMotor



NEMA 4/4X Control Panel

Add-on capabilities

Can be ordered any time for field upgrade

- Battery backup
- Axial chain hoist
- Right Angle chain hoist
- Right angle chain hoist with brake

Available with operator order only

- UL-325 with NEMA4 photo-eye
- Opto-Block™
- NEMA1 16" x 16" x 6" panel
- 24 VDC 1.5 Amp for external devices
- Operational battery backup is provided by three 4AH (36VDC) sealed batteries with Intelligent, internal battery charger

Customization for OEM applications

Available with operator order only

- Wired inputs and outputs
- Auto open on AC power loss
- Custom speed and torque output
- Custom enclosure

Power

- Brushless, DC, high reliability, high efficiency and low maintenance motor
- Each operator can be connected to any of the following AC voltages; 115, 208, 230, 460, 575VAC single/three phase, 50/60Hz – One operator for all voltages
- Battery power (Add on Feature)
- 12 VDC 0.5 Amp for external devices
- 24 VAC 1 Amp for external devices

GDI reserves the right to modify the contents without prior notification.



Axial chain hoist add on



Right angle chain hoist add on

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Ver. 1.01