

JDMG-LG Jackshaft and Low Headroom Trolley

Commercial and Industrial Door Operator

The **JDMG-LG** is your operator for Balanced Sectional Doors (spring or counterweight) as well as. and for Balanced Rolling Steel Doors (spring or counter-weight) up to 1,200 lbs. The JDMG-LG is also the operator for Trolley Door (with trolley add on kit) applications. The compact GearMotor of this operator 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 reliable service for up to 3,200 open and close cycles/day at door speeds up to 5 times that of other operators.

The JDMG-LG GearMotors are sealed and require no maintenance. They are built into an aluminum body which can withstand corrosive and toxic environments. These powerful drives work equally well in wet and cold temperature environments

The standard control panel is a NEMA1 16" x 16" x 6" steel case with open close and stop buttons and power indicator light. NEMA 4X/12,13 panel is available

Applications

Car wash, Parking garage, Cold storage, Pharmaceutical, Grilles, Agricultural, Food facility, Sectional, Trolley door, Rolling steel, High speed fabric, Vinyl rollup.

Features and benefits

- Compact and light weight - Fast installation
- Lowest Trolley operator Headroom – Just 4 3/4"
- Fast open and close door cycles independently set – Smooth and quiet operation, Savings on heating and cooling
- On site speed adjustment capability
- 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 and 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 1 Control Panel



JDMG-LG with Trolley add on kit

Add-on features

Can be ordered any time for field upgrade

- Trolley add on kit
- 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™
- NEMA 4/4X 16" x 14" x 8" panel

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
- Operational battery backup is provided by three 4AH (36VDC) sealed batteries
- Intelligent, internal battery charger
- 24 VDC 1.5 Amp for external devices
- 24 VAC 1 Amp for external devices



Installed GearMotor with GDI's mounting bracket



Axial chain hoist add on



Right angle chain hoist add on

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

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