GH (LOGIC 5.0) GEARHEAD HOIST OPERATOR

SECTION 08 71 13

KEY FEATURES

STANDARD APPLICATION
Recommended for rolling steel doors and heavy, high or standard-lift sectional overhead doors in heavy-duty, high-cycle commercial applications

RATED DUTY CYCLE
Heavy-duty: Up to 25 cycles/hour and up to 125 cycles/day when distributed over a minimum of 8 hours (using continuous-rated motor)

OPERATOR SPEED
8-9 inches per second

LIMIT SETTINGS
Mechanical

EMERGENCY DISCONNECT FOR MANUAL OPERATION
Floor-level emergency release sash chain

EMERGENCY DISCONNECT WITH AUTO-RECONNECT
Reconnects when tension is removed from emergency release sash chain

PROGRAMMING
Control function selector dial/tactile buttons

CIRCUIT BOARD
Solid-state Logic 5.0 circuit board

TIMER-TO-CLOSE
Programmable in 1 second and 15 second increments up to 68 minutes, standard

CLUTCH
Optional adjustable friction clutch

MID-STOP
Programmable

RUN TIME PROTECTION
Maximum run timer

MOTOR REVERSE ACTION PROTECTION
Delay-on-reverse circuit

MOTOR OPERATOR WALL CONTROL
3-Button Control Station with Maintenance Alert System (MAS)

PUSH BUTTON STATION
3-Push button station (Open/Close/Stop)

SPECIFICATIONS

RADIO RECEIVER
Security+ 2.0® technology standard on-board with tri-band frequency; accepts up to (90) single-button or (30) 3-button remote controls plus up to (30) wireless keypads or an unlimited number of DIP switch remotes

VOLTAGE CONNECTIONS

CONTROL CIRCUIT
5VDC NEC class 2

DRIVE REDUCTION
45:1 first-stage heavy-duty gears running in oil bath; cast iron housing; #50 output sprocket chain

BEARINGS/BUSHINGS
Sealed roller bearings in gear reducer

BRAKE
Standard

CONSTRUCTION
NEMA 1 type electrical box; heavy-duty 11-gauge steel frame with durable powder coat finish; all reduction sprockets drilled and pinned to shafts

WARRANTY
2 years

INSTALLATION FEATURES

UNIVERSAL MOUNTING
Up to 2 HP

MAXIMUM DOOR HEIGHT
34 feet standard with additional capability*

MAXIMUM DOOR WIDTH
32 feet standard with additional capability*

MAXIMUM ALLOWABLE SQUARE FOOTAGE
1088 square feet

INTERNET CONNECTIVITY
myQ® Technology enables remote monitoring and control of the commercial door via a smartphone, tablet, or computer**

* Contact us at Specs@LiftMaster.com for additional capabilities.
**LiftMaster Internet Gateway and myQ app required.

This commercial door operator must feature constant pressure to close or be equipped with an external monitored entrapment protection device. Use only LiftMaster monitored entrapment protection devices itemized on the accessory page of the operators installation manual to meet UL 325 requirements.
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DIMENSIONS

CAPACITY

MAXIMUM DOOR AREA (SQ. FT.)

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On steel insulated doors, a 24-gauge back panel is assumed. If a heavier back panel is supplied, use the next higher HP rating.

Recommended max duty cycles: 25 per hour, in excess of 90/day.

Notes:
1. Dimensions A, B & C may vary per motor manufacturer specification revisions and special modifications to the operator.