

# DHJ (LOGIC 5.0) DOOR LOCK/ HOIST JACKSHAFT OPERATOR



**DATA SHEET**

Section 08 71 13

## Key Features

### STANDARD APPLICATION

### OPERATOR SPEED

### LIMIT SETTINGS

### INTERNAL DOOR LOCK SENSOR

### EMERGENCY DISCONNECT FOR MANUAL OPERATION

### EMERGENCY DISCONNECT WITH AUTO-RECONNECT

### PROGRAMMING

### CIRCUIT BOARD

### TIMER-TO-CLOSE

### CLUTCH

### MID-STOP

### RUN TIME PROTECTION

### MOTOR REVERSE ACTION PROTECTION

### MOTOR OPERATOR WALL CONTROL

Recommended for lighter rolling steel doors/grilles and high or vertical-lift sectional overhead doors in standard duty-cycle commercial applications where a manual hoist is not required; door lock sensor is ideal for shopping mall grille applications

8-9 Inches per second

Mechanical

Eliminates jamming and damage to door and operator if door is opened when locked

Floor-level emergency release sash chain

Reconnects when tension is removed from emergency release sash chain

Control function selector dial/tactile buttons

Solid-state Logic 5.0 circuit board

Programmable in 1 second and 15 second increments up to 68 minutes, standard

Standard adjustable friction clutch

Programmable

Maximum run timer

Delay-on-reverse circuit

3-Button Control Station with Maintenance Alert System (MAS)

## Specifications

### RADIO RECEIVER

### VOLTAGE CONNECTIONS

### CONTROL CIRCUIT

### DRIVE REDUCTION

### BEARINGS/BUSHINGS

### BRAKE

### CONSTRUCTION

### WARRANTY

LiftMaster® Security+ 2.0®

Single-phase: 115V/230V dual voltage; 3-phase: 208V/230V/460V dual voltage;

3-phase: 575V single voltage

5VDC NEC class 2

Belt/chain & pulley; first-stage heavy-duty 5L V-belt; second-third-fourth stages

#48 chain; #50 output sprocket chain

Industrial ball bearings on a 1" output shaft; heavy-duty oil-filled bushings

on reduction shafts

Standard on 3/4 operators; optional on 1/2 HP

NEMA 1 type electrical box; heavy-duty 11-gauge steel frame with durable powder

coat finish; all reduction sprockets drilled and pinned to shafts

2 years

## Installation Features

### UNIVERSAL MOUNTING

### MAXIMUM DOOR WIDTH

### MAXIMUM DOOR HEIGHT

### MAXIMUM ALLOWABLE SQUARE FOOTAGE

### INTERNET CONNECTIVITY

Yes

22 feet standard with additional capability\*

26 feet standard with additional capability\*

560 square feet

myQ® Technology enables remote monitoring and control of the commercial door via a smart phone, tablet, or computer\*\*

\* Contact us at [Specs@LiftMaster.com](mailto:Specs@LiftMaster.com) for additional capabilities.

\*\*LiftMaster Internet Gateway and myQ app required.

**LiftMaster**

POWERED BY myQ

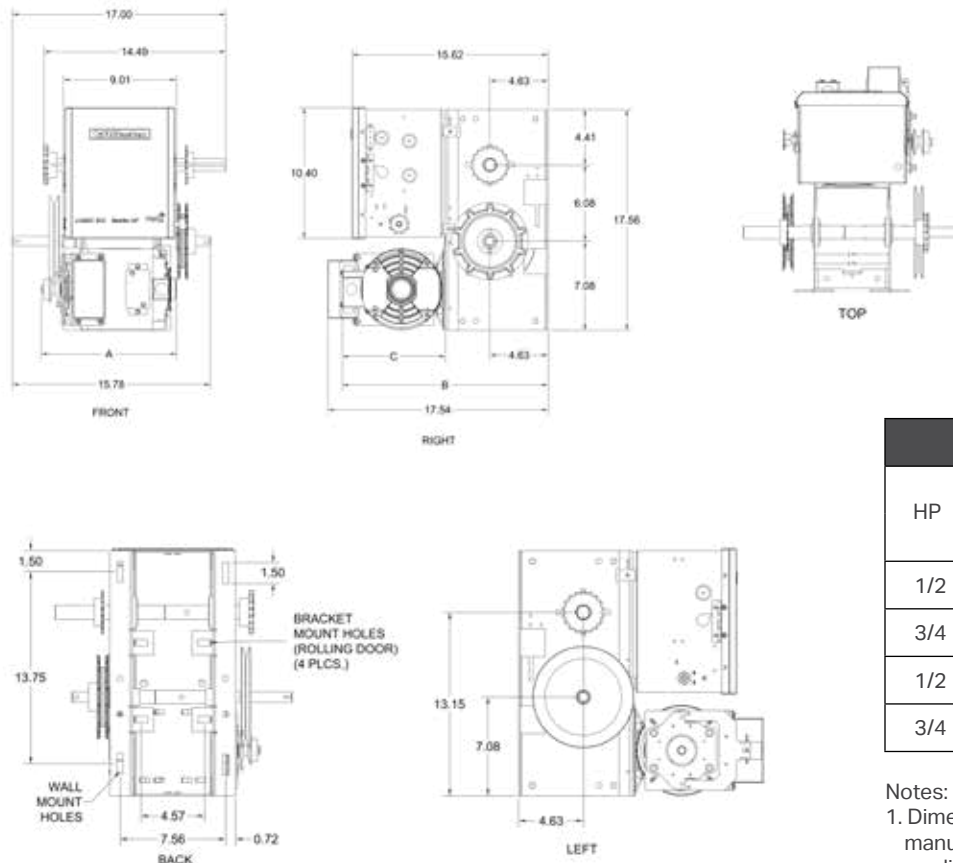
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## Dimensions



| OPERATOR DIMENSION TABLE |       |            |           |         |
|--------------------------|-------|------------|-----------|---------|
| HP                       | PHASE | DIMENSIONS |           |         |
|                          |       | A          | B         | C       |
| 1/2                      | 1     | 10-3/4"    | 16-13/32" | 8-7/32" |
| 3/4                      | 1     | 11-9/32"   | 16-11/32" | 8-5/32" |
| 1/2                      | 3     | 11-5/16"   | 16-7/16"  | 8-3/16" |
| 3/4                      | 3     | 11-5/16"   | 16-13/32" | 8-3/16" |

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

## Capacity

| MAXIMUM DOOR AREA (SQ. FT.) |                  |                      |                        |                      |                        |                        |     |
|-----------------------------|------------------|----------------------|------------------------|----------------------|------------------------|------------------------|-----|
| ROLLING                     | 24 GA. STEEL     | 22 GA. STEEL         | -                      | 20 GA., 18 GA. STEEL | 16 GA. STEEL           | -                      |     |
|                             | ALUMINUM GRILLES | ALUMINUM DOORS       | -                      | STEEL GRILLES        |                        | -                      |     |
| SECTIONAL                   | -                | 24 GA., 22 GA. STEEL | 20 GA. STEEL           | -                    | 16 GA. STEEL           | -                      |     |
|                             | FIBERGLASS       | ALUMINUM DOORS       | WOOD DOORS             | -                    | -                      | -                      |     |
|                             | -                | -                    | 24 GA. STEEL INSULATED | -                    | 20 GA. STEEL INSULATED | 16 GA. STEEL INSULATED |     |
| HP                          | 1/2              | 400                  | 350                    | 320                  | 280                    | 250                    | 200 |
| 3/4                         | 560              | 500                  | 450                    | 380                  | 325                    | 250                    |     |

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, up to 90 per day.

