

DJ (LOGIC 5.0) DOOR LOCK JACKSHAFT OPERATOR

Section 08 71 13



DATA SHEET

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

PUSH BUTTON STATION

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)

3-Push button station (Open/Close/Stop)

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 HEIGHT

MAXIMUM DOOR WIDTH

MAXIMUM ALLOWABLE SQUARE FOOTAGE

INTERNET CONNECTIVITY

Yes

26 feet standard with additional capability*

22 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 for additional capabilities.

**LiftMaster Internet Gateway and myQ app required.

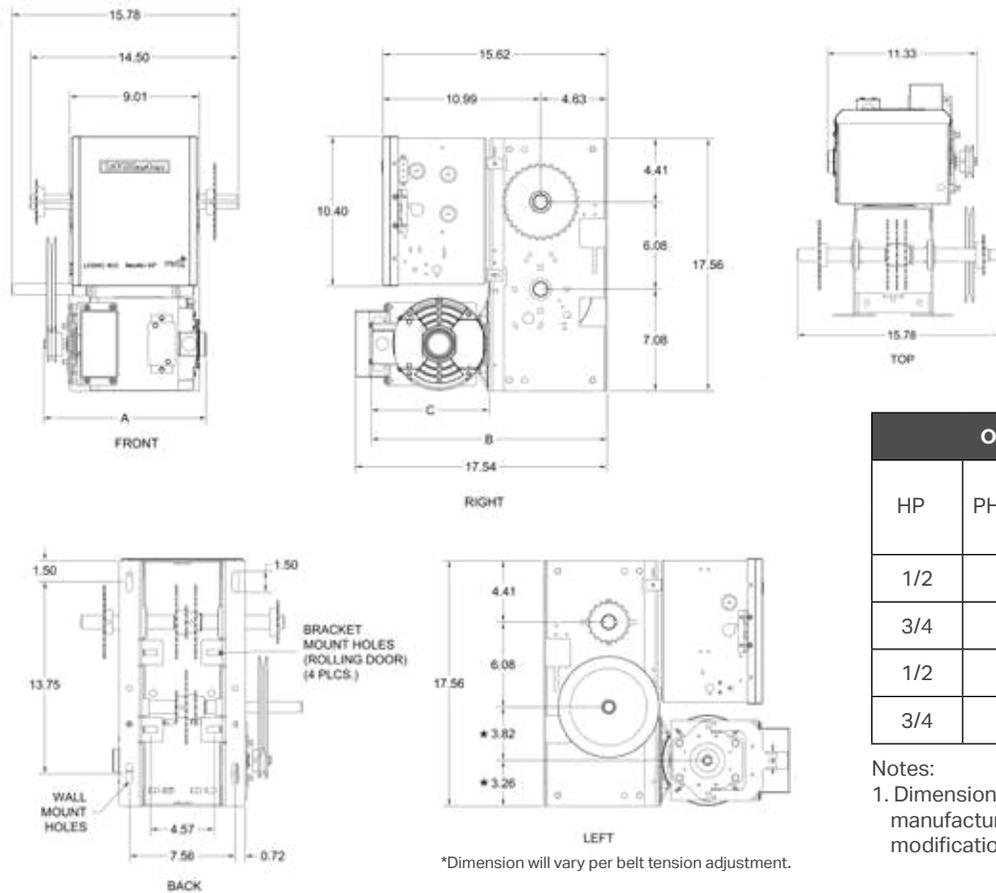
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Dimensions



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.

*Dimension will vary per belt tension adjustment.

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.

