

# SD (LOGIC 5.0) SLIDE DOOR OPERATOR

SECTION 08 71 13



## KEY FEATURES

<b>STANDARD APPLICATION</b>	Recommended for single and bi-parting sliding doors in standard duty-cycle commercial applications
<b>RATED DUTY CYCLE</b>	Standard-duty: Up to 25 cycles/hour and up to 90 cycles/day (using continuous-rated motor)
<b>OPERATOR SPEED</b>	11-12 Inches per second
<b>LIMIT SETTINGS</b>	Mechanical
<b>EMERGENCY DISCONNECT FOR MANUAL OPERATION</b>	Floor-level emergency release sash chain
<b>EMERGENCY DISCONNECT WITH AUTO-RECONNECT</b>	Reconnects when tension is removed from emergency release chain
<b>PROGRAMMING</b>	Control function selector dial/tactile buttons
<b>CIRCUIT BOARD</b>	Solid-state Logic 5.0 circuit board
<b>TIMER-TO-CLOSE</b>	Programmable in 1 second and 15 second increments up to 68 minutes, standard
<b>CLUTCH</b>	Standard adjustable friction clutch
<b>MID-STOP</b>	Programmable
<b>RUN TIME PROTECTION</b>	Maximum run timer
<b>MOTOR REVERSE ACTION PROTECTION</b>	Delay-on-reverse circuit
<b>MOTOR OPERATOR WALL CONTROL</b>	3-Button Control Station with Maintenance Alert System (MAS)
<b>TROLLEY TRACK</b>	Dual L-rail trolley track
<b>PUSH BUTTON STATION</b>	3-Push button Station (Open/Close/Stop)

## SPECIFICATIONS

<b>RADIO RECEIVER</b>	LiftMaster® Security+ 2.0®
<b>VOLTAGE CONNECTIONS</b>	Single-phase: 115V/230V dual voltage; 3-phase: 208V/230V/460V dual voltage; 3-phase: 575V single voltage
<b>CONTROL CIRCUIT</b>	5VDC NEC class 2
<b>DRIVE REDUCTION</b>	Belt/chain & pulley; first-stage heavy-duty 5L V-belt; second stage #41 chain; #41 output chain on trolley
<b>BEARINGS/BUSHINGS</b>	Industrial ball bearings on output shaft; heavy-duty oil-filled bushings on reduction shafts
<b>BRAKE</b>	Standard
<b>CONSTRUCTION</b>	NEMA 1 type electrical box; heavy-duty 11-gauge steel frame with durable powder coat finish; all reduction sprockets drilled and pinned to shafts
<b>TROLLEY ROLLER CHAIN</b>	#41 standard
<b>WARRANTY</b>	2 years

## INSTALLATION FEATURES

<b>MAXIMUM DOOR HEIGHT</b>	22 feet standard with additional capability*
<b>MAXIMUM DOOR WIDTH</b>	24 feet standard with additional capability; double for bi-part*
<b>MAXIMUM ALLOWABLE SQUARE FOOTAGE</b>	480 square feet; double for bi-part
<b>INTERNET CONNECTIVITY</b>	myQ® Technology enables remote monitoring and control of the commercial door via a smartphone, tablet, or computer**

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.

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

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

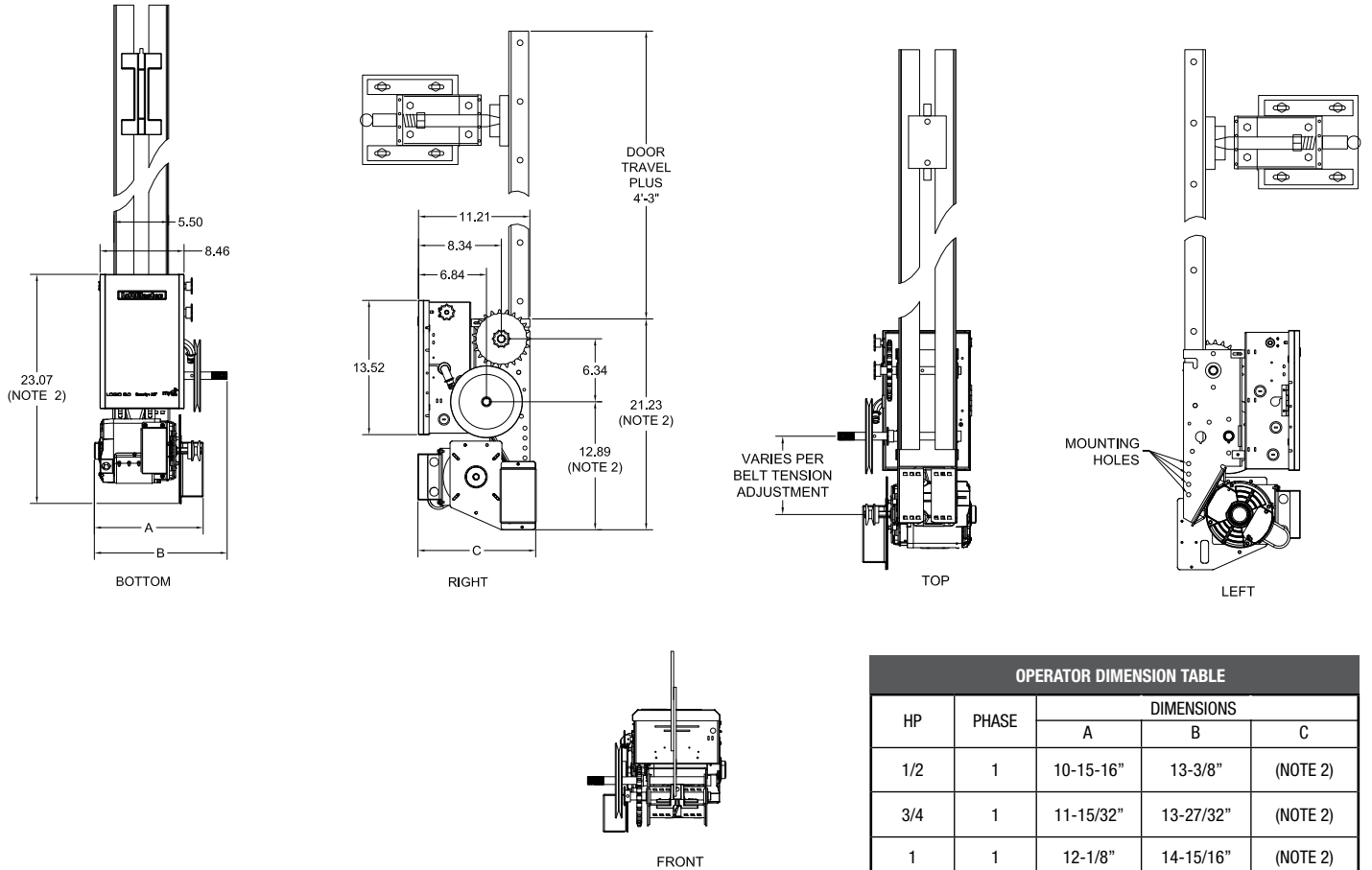
**DATA SHEET**  
SLIDE DOOR OPERATOR

**LiftMaster®**

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## DIMENSIONS



OPERATOR DIMENSION TABLE				
HP	PHASE	DIMENSIONS		
		A	B	C
1/2	1	10-15/16"	13-3/8"	(NOTE 2)
3/4	1	11-15/32"	13-27/32"	(NOTE 2)
1	1	12-1/8"	14-15/16"	(NOTE 2)
1/2	3	11-1/2"	13-15/16"	(NOTE 2)
3/4	3	11-1/2"	13-15/16"	(NOTE 2)
1	3	11-1/2"	13-15/16"	(NOTE 2)

- Notes:
1. Dimensions A,B & C may vary per motor manufacturer specification revisions and special modifications to the operator.
  2. Dimension will vary per belt tension adjustment approx. "C" dimension is 12/14"

## CAPACITY

DOOR SIZE SELECTION GUIDE		
HP	Maximum Door Weight (lbs.)	Maximum Door Area (sq. ft.)
1/2	1300	260
3/4	1850	340
1	2400	480

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.